

Table 1.24
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity
Both Sexes

	All Races		White		Black		
	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	
All Sites	442.7	-1.1*	451.8	-1.1*	459.3	-1.5*	
Breast	67.0	0.0	67.8	-0.1	Prostate ^f	80.7	-4.5*
Lung and Bronchus	55.8	-2.3*	57.3	-2.2*	Breast	71.1	0.5
Prostate ^f	54.7	-4.8*	52.1	-5.2*	Lung and Bronchus	63.0	-2.5*
Colon and Rectum	40.1	-2.8*	39.3	-2.8*	Colon and Rectum	48.7	-3.3*
Melanoma of the Skin	22.3	1.1*	26.6	1.1*	Kidney and Renal Pelvis	18.0	1.0
Urinary Bladder	19.8	-1.2*	21.7	-1.2*	Pancreas	15.5	-0.5
Non-Hodgkin Lymphoma	19.5	-0.5*	20.4	-0.6*	Non-Hodgkin Lymphoma	14.6	-0.3
Kidney and Renal Pelvis	15.6	0.7	16.1	0.7	Corpus and Uterus, NOS ^f	14.0	2.3*
Thyroid	14.2	4.0*	14.9	3.9*	Myeloma	13.2	0.8
Leukemia	13.7	0.5*	14.5	0.4	Urinary Bladder	12.5	-0.9*
Corpus and Uterus, NOS ^f	13.6	1.2*	13.8	0.9*	Leukemia	10.9	1.2*
Pancreas	12.5	0.5*	12.5	0.6*	Stomach	10.2	-3.0*
Oral Cavity and Pharynx	11.2	0.7*	11.7	1.0*	Liver & IBD ^g	10.1	2.5*
Liver & IBD ^g	8.6	2.6*	7.8	3.4*	Oral Cavity and Pharynx	9.1	-1.5*
Stomach	7.3	-0.9*	7.0	-0.5*	Thyroid	8.7	4.4*
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e		
	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	
All Sites	298.8	-1.2*	316.0	-1.4*	All Sites	340.6	-1.3*
Breast	54.1	0.9*	44.1	0.0	Breast	49.8	0.1
Lung and Bronchus	35.7	-1.8*	41.1	-0.6	Prostate ^f	43.7	-5.6*
Colon and Rectum	33.8	-2.8*	37.4	-3.8*	Colon and Rectum	33.9	-2.5*
Prostate ^f	27.5	-6.4*	26.5	-6.3*	Lung and Bronchus	28.8	-2.5*
Thyroid	13.7	3.3*	17.2	-3.2*	Non-Hodgkin Lymphoma	17.8	-0.2
Non-Hodgkin Lymphoma	13.5	0.2	13.3	2.2	Kidney and Renal Pelvis	15.4	0.6
Liver & IBD ^g	13.2	-2.2*	12.1	-2.0	Liver & IBD ^g	13.2	1.9*
Corpus and Uterus, NOS ^f	11.2	2.1*	10.6	0.5	Thyroid	12.3	4.2*
Stomach	10.6	-3.2*	10.5	0.8	Corpus and Uterus, NOS ^f	11.6	2.5*
Pancreas	10.0	0.5	9.6	-2.9	Pancreas	11.1	-0.2
Urinary Bladder	8.7	-1.9*	9.3	5.0*	Urinary Bladder	11.0	-1.7*
Kidney and Renal Pelvis	8.2	0.5	8.9	1.4	Leukemia	10.6	0.2
Leukemia	7.8	0.5	8.5	-0.4	Stomach	10.5	-1.7*
Oral Cavity and Pharynx	7.7	-0.5	8.1	0.7	Oral Cavity and Pharynx	6.6	0.1
Ovary ^{fh}	5.2	-0.7	5.1	-3.6	Myeloma	6.1	0.9

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2010-2014 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

^d Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^e Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^f Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^g Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^h The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

ⁱ IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

^j Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.25
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

			Males					
All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2010-2014	2005-2014		2010-2014	2005-2014		2010-2014	2005-2014
All Sites	492.4	-2.0*	All Sites	497.1	-2.0*	All Sites	549.7	-2.8*
Prostate	119.8	-5.2*	Prostate	112.8	-5.6*	Prostate	188.7	-4.8*
Lung and Bronchus	65.7	-2.9*	Lung and Bronchus	65.9	-2.9*	Lung and Bronchus	83.7	-3.1*
Colon and Rectum	46.0	-3.0*	Colon and Rectum	45.0	-3.1*	Colon and Rectum	56.4	-3.4*
Urinary Bladder	34.9	-1.4*	Urinary Bladder	38.1	-1.4*	Kidney and Renal Pelvis	25.0	0.7
Melanoma of the Skin	29.2	1.3*	Melanoma of the Skin	34.4	1.3*	Urinary Bladder	21.0	-0.6
Non-Hodgkin Lymphoma	23.7	-0.4*	Non-Hodgkin Lymphoma	24.8	-0.4*	Non-Hodgkin Lymphoma	17.6	-0.4
Kidney and Renal Pelvis	21.4	0.7	Kidney and Renal Pelvis	21.9	0.7	Pancreas	17.0	-0.4
Leukemia	17.6	0.4	Leukemia	18.5	0.2	Liver & IBD ^f	16.7	2.5*
Oral Cavity and Pharynx	16.9	0.9*	Oral Cavity and Pharynx	17.6	1.1*	Myeloma	15.9	0.8
Pancreas	14.2	0.6*	Pancreas	14.2	0.7*	Oral Cavity and Pharynx	14.2	-1.3*
Liver & IBD ^f	13.3	2.5*	Liver & IBD ^f	11.9	3.1*	Leukemia	14.0	1.5*
Stomach	9.9	-1.3*	Stomach	9.0	-0.9*	Stomach	13.6	-3.5*
Myeloma	8.3	1.2*	Brain and ONS ^f	8.3	-0.5*	Larynx	8.5	-2.6*
Brain and ONS ^f	7.5	-0.5*	Myeloma	7.8	1.3*	Esophagus	6.9	-4.9*
Esophagus	7.3	-1.3*	Esophagus	7.7	-0.7	Brain and ONS ^f	4.8	0.0
Asian/Pacific Islander			American Indian/Alaska Native^d			Hispanic^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2010-2014	2005-2014		2010-2014	2005-2014		2010-2014	2005-2014
All Sites	308.6	-2.5*	All Sites	331.4	-2.0*	All Sites	372.2	-2.6*
Prostate	62.9	-6.6*	Prostate	59.9	-6.5*	Prostate	98.3	-5.9*
Lung and Bronchus	46.4	-2.5*	Lung and Bronchus	46.9	-2.9*	Colon and Rectum	40.0	-3.1*
Colon and Rectum	40.2	-2.2*	Colon and Rectum	45.5	-0.5	Lung and Bronchus	35.3	-3.6*
Liver & IBD ^f	20.2	-2.0*	Kidney and Renal Pelvis	22.9	-1.8	Non-Hodgkin Lymphoma	20.7	-0.2
Non-Hodgkin Lymphoma	16.7	0.1	Liver & IBD ^f	18.7	2.3	Kidney and Renal Pelvis	20.2	0.1
Urinary Bladder	15.2	-2.1*	Urinary Bladder	14.9	-0.7	Liver & IBD ^f	19.7	1.5*
Stomach	14.0	-3.3*	Stomach	13.7	-0.7	Urinary Bladder	19.3	-1.7*
Kidney and Renal Pelvis	11.7	0.9	Non-Hodgkin Lymphoma	13.2	-3.8	Stomach	13.0	-2.9*
Oral Cavity and Pharynx	11.1	0.0	Oral Cavity and Pharynx	13.0	2.0	Leukemia	12.9	0.0
Pancreas	11.0	0.3	Pancreas	11.1	-	Pancreas	11.8	-0.4
Leukemia	9.7	0.7	Leukemia	9.8	1.4	Oral Cavity and Pharynx	9.8	0.3
Thyroid	6.6	5.1*	Testis	5.4	4.9	Myeloma	7.7	1.5
Myeloma	4.7	0.1	Esophagus	5.1	-	Brain and ONS ^f	5.7	-1.4*
Brain and ONS ^f	4.4	0.4	Myeloma	5.0	-	Thyroid	5.2	3.6*
Esophagus	3.5	-3.0	Melanoma of the Skin	4.3	-	Testis	5.1	2.6*

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2010-2014 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.26
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Females

	All Races		White		Black	
	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014
All Sites	408.7	-0.2*	421.5	-0.2*	397.4	-0.4*
Breast	124.9	0.2	127.7	0.0	125.1	0.6*
Lung and Bronchus	48.4	-1.7*	50.8	-1.6*	49.0	-1.7*
Colon and Rectum	35.1	-2.7*	34.4	-2.6*	43.2	-3.3*
Corpus and Uterus, NOS	25.7	1.4*	26.3	1.1*	24.8	2.5*
Thyroid	21.0	4.0*	22.4	4.0*	14.3	-0.7
Melanoma of the Skin	17.3	0.6	20.9	0.7	13.0	4.8*
Non-Hodgkin Lymphoma	16.0	-0.6*	16.9	-0.7*	12.6	1.1
Ovary ^g	11.7	-1.8*	12.2	-2.0*	12.2	0.0
Pancreas	11.1	0.4*	11.3	0.4	11.4	0.7
Kidney and Renal Pelvis	10.7	0.5	11.0	0.5	9.4	-1.3*
Leukemia	10.7	0.4	11.0	0.5*	8.8	0.8
Urinary Bladder	8.4	-1.4*	9.1	-1.3*	8.7	-2.3*
Cervix Uteri	7.4	-1.6*	7.4	-1.5*	7.8	-2.7*
Oral Cavity and Pharynx	6.2	0.0	6.4	0.4	6.8	-1.6*
Brain and ONS ^f	5.3	-0.6	5.9	-0.4	5.1	-2.1*

	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014
All Sites	296.1	-0.2	308.9	-0.8	323.3	-0.1
Breast	98.5	1.0*	82.2	0.2	93.1	0.2
Colon and Rectum	28.8	-3.4*	37.5	-0.4	29.1	-2.0*
Lung and Bronchus	27.9	-0.8	30.4	-5.0*	24.2	-1.4*
Corpus and Uterus, NOS	20.5	2.2*	19.9	0.9	21.9	2.7*
Thyroid	19.9	2.8*	14.1	4.9*	19.3	4.4*
Non-Hodgkin Lymphoma	11.1	0.2	12.7	-4.5*	15.4	-0.1
Ovary ^g	9.5	-0.7	11.1	-0.5	11.5	1.0
Pancreas	9.2	0.7	9.5	-3.3	10.6	-1.6*
Stomach	8.0	-3.3*	8.6	1.4	10.5	-0.1
Liver & IBD ^f	7.6	-2.5*	8.3	-4.4*	9.1	-4.4*
Leukemia	6.3	0.2	8.1	2.0	8.8	0.3
Cervix Uteri	6.1	-2.9*	7.7	-0.5	8.5	-0.3
Kidney and Renal Pelvis	5.5	0.0	6.8	0.2	7.6	2.8*
Oral Cavity and Pharynx	5.0	-1.3	5.5	-	4.9	0.2
Urinary Bladder	3.9	-1.5	5.2	-	4.9	-1.9*

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2010-2014 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

^g Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.27
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity
Both Sexes

	All Races		White		Black	
	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014
All Sites	166.1	-1.5*	166.2	-1.4*	194.2	-2.0*
Lung and Bronchus	44.7	-2.5*	45.5	-2.4*	48.0	-2.8*
Colon and Rectum	14.8	-2.5*	14.4	-2.4*	20.0	-3.3*
Breast	11.8	-1.9*	11.4	-1.9*	17.1	-1.7*
Pancreas	10.9	0.1	10.8	0.2	15.2	-3.8*
Prostate ^f	8.1	-2.6*	7.5	-2.4*	13.4	-0.5*
Leukemia	6.8	-0.9*	7.1	-0.9*	8.2	2.5*
Liver & IBD ^g	6.3	2.7*	6.1	-2.2*	6.3	-0.3
Non-Hodgkin Lymphoma	5.9	-2.3*	5.8	2.9*	5.9	-3.1*
Urinary Bladder	4.4	-0.1	4.7	0.4*	5.7	-1.3*
Brain and ONS ^g	4.3	0.4	4.6	0.1	4.8	1.8*
Esophagus	4.1	-1.1*	4.3	-0.6*	4.3	-1.6*
Ovary ^f	4.1	-2.5*	4.2	-2.6*	3.8	-1.5*
Kidney and Renal Pelvis	3.9	-0.8*	4.0	-0.7*	3.7	-4.4*
Myeloma	3.3	-0.6*	3.1	-0.7*	3.7	-1.3*
Stomach	3.2	-2.3*	3.1	-0.3	3.6	-0.8
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014	Rate ^b 2010-2014	APC ^c 2005-2014
All Sites	102.8	-1.4*	152.4	-1.2*	116.2	-1.3*
Lung and Bronchus	23.7	-1.7*	37.5	-1.5*	19.3	-2.5*
Colon and Rectum	10.3	-2.0*	16.4	-0.3	11.7	-2.0*
Liver & IBD ^g	9.7	-0.5	10.5	3.0*	9.1	1.2*
Pancreas	7.7	0.0	9.0	-1.2	8.5	-0.4
Breast	6.4	-0.7	7.9	-3.9*	8.0	-0.7*
Stomach	5.5	-4.2*	7.9	-2.0	6.6	-3.0*
Non-Hodgkin Lymphoma	4.0	-1.1*	6.3	-0.3	5.3	-2.0*
Leukemia	3.9	-0.4	5.4	-1.2	5.0	-1.5*
Prostate ^f	3.5	-3.3*	4.4	-1.9	4.9	-0.2
Ovary ^f	2.5	-2.2*	4.2	-2.7*	3.5	-0.9
Brain and ONS ^g	2.1	1.5	3.5	-2.5*	3.0	-2.0*
Oral Cavity and Pharynx	1.9	-1.2*	3.4	-1.7	2.9	0.4
Kidney and Renal Pelvis	1.8	-1.1	3.0	0.3	2.8	-0.8
Urinary Bladder	1.7	0.1	2.5	0.9	2.3	-0.9
Esophagus	1.7	-1.7*	2.3	0.4	2.2	-1.5

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Top 15 cancer sites selected based on 2010-2014 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

^g IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.28
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Males

All Races	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c
	2010-2014	2005-2014			2010-2014	2005-2014			2010-2014	2005-2014	
All Sites	200.5	-1.8*		All Sites	199.8	-1.6*		All Sites	247.3	-2.7*	
Lung and Bronchus	55.9	-3.1*		Lung and Bronchus	55.9	-3.0*		Lung and Bronchus	68.0	-3.5*	
Prostate	20.1	-3.3*		Prostate	18.7	-3.1*		Prostate	42.0	-4.5*	
Colon and Rectum	17.7	-2.6*		Colon and Rectum	17.2	-2.5*		Colon and Rectum	25.3	-3.1*	
Pancreas	12.6	0.1		Pancreas	12.6	0.2*		Pancreas	15.0	-0.4	
Liver & IBD ^f	9.2	2.7*		Leukemia	9.5	-0.9*		Liver & IBD ^f	13.0	2.3*	
Leukemia	9.1	-1.0*		Liver & IBD ^f	8.5	2.8*		Stomach	8.6	-3.3*	
Urinary Bladder	7.6	-0.2*		Urinary Bladder	8.1	-0.1		Myeloma	7.5	-1.0*	
Non-Hodgkin Lymphoma	7.6	-2.0*		Non-Hodgkin Lymphoma	7.9	-2.0*		Leukemia	7.5	-1.7*	
Esophagus	7.3	-1.2*		Esophagus	7.6	-0.7*		Esophagus	6.3	-4.9*	
Kidney and Renal Pelvis	5.6	-0.6*		Kidney and Renal Pelvis	5.8	-0.4*		Non-Hodgkin Lymphoma	5.5	-1.7*	
Brain and ONS ^f	5.3	0.4		Brain and ONS ^f	5.7	0.4*		Kidney and Renal Pelvis	5.5	-1.0	
Stomach	4.4	-2.5*		Melanoma of the Skin	4.6	-0.2		Urinary Bladder	5.4	-0.7	
Myeloma	4.2	-0.7*		Myeloma	4.0	-0.6*		Oral Cavity and Pharynx	5.0	-2.4*	
Melanoma of the Skin	4.0	-0.4		Stomach	3.8	-2.5*		Larynx	3.4	-3.7*	
Oral Cavity and Pharynx	3.8	0.2		Oral Cavity and Pharynx	3.8	0.7*		Brain and ONS ^f	3.2	1.0	
Asian/Pacific Islander				American Indian/Alaska Native ^d				Hispanic ^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c			
	2010-2014	2005-2014		2010-2014	2005-2014		2010-2014	2005-2014			
All Sites	122.7	-1.8*		All Sites	184.0	-1.0		All Sites	142.6	-1.7*	
Lung and Bronchus	31.7	-2.6*		Lung and Bronchus	46.3	-1.4		Lung and Bronchus	27.3	-3.4*	
Liver & IBD ^f	14.3	-0.4		Colon and Rectum	19.5	-0.3		Prostate	16.5	-3.5*	
Colon and Rectum	12.4	-1.5*		Prostate	19.4	-2.7*		Colon and Rectum	15.0	-1.5*	
Prostate	8.8	-3.3*		Liver & IBD ^f	14.9	3.6*		Liver & IBD ^f	13.1	1.2*	
Pancreas	8.2	-0.6		Pancreas	9.8	-1.7		Pancreas	9.5	-0.5	
Stomach	7.1	-4.6*		Kidney and Renal Pelvis	8.9	-1.1		Stomach	6.9	-2.4*	
Leukemia	5.0	-0.6		Stomach	7.5	-2.4		Non-Hodgkin Lymphoma	6.2	-1.0*	
Non-Hodgkin Lymphoma	4.9	-1.0		Leukemia	5.8	-2.7		Leukemia	6.1	-0.4	
Oral Cavity and Pharynx	2.9	-0.2		Non-Hodgkin Lymphoma	5.6	0.1		Kidney and Renal Pelvis	4.9	-1.3	
Urinary Bladder	2.9	0.6		Esophagus	5.6	-1.4		Esophagus	4.0	-1.7	
Esophagus	2.9	-1.0		Oral Cavity and Pharynx	3.7	0.0		Urinary Bladder	3.9	-1.4	
Kidney and Renal Pelvis	2.7	-0.5		Urinary Bladder	3.6	-2.1		Myeloma	3.4	-0.6	
Brain and ONS ^f	2.4	0.5		Myeloma	3.3	-2.4		Brain and ONS ^f	3.4	0.3	
Myeloma	2.1	-0.9		Brain and ONS ^f	3.0	0.1		Oral Cavity and Pharynx	2.4	-0.9*	
Soft Tissue including Heart	1.0	-1.5		Larynx	1.7	-		Larynx	1.6	-2.5*	

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Top 15 cancer sites selected based on 2010-2014 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* The APC is significantly different from zero ($p < .05$).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.29
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Females

All Races	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c
	2010-2014	2005-2014			2010-2014	2005-2014			2010-2014	2005-2014	
All Sites	141.5	-1.4*		All Sites	141.9	-1.3*		All Sites	161.8	-1.5*	
Lung and Bronchus	36.3	-1.8*		Lung and Bronchus	37.5	-1.7*		Lung and Bronchus	34.6	-2.0*	
Breast	21.2	-1.7*		Breast	20.6	-1.7*		Breast	29.2	-1.6*	
Colon and Rectum	12.4	-2.6*		Colon and Rectum	12.1	-2.5*		Colon and Rectum	16.5	-3.6*	
Pancreas	9.5	0.0		Pancreas	9.4	0.1		Pancreas	12.1	-0.6*	
Ovary	7.4	-2.3*		Ovary	7.7	-2.3*		Corpus and Uterus, NOS	8.1	2.1*	
Leukemia	5.1	-1.1*		Leukemia	5.3	-1.0*		Ovary	6.4	-1.3*	
Non-Hodgkin Lymphoma	4.6	-2.6*		Non-Hodgkin Lymphoma	4.8	-2.7*		Myeloma	5.5	0.2	
Corpus and Uterus, NOS	4.6	1.5*		Corpus and Uterus, NOS	4.2	1.4*		Leukemia	4.6	-1.1*	
Liver & IBD ^f	3.7	2.5*		Brain and ONS ^f	3.8	0.4		Liver & IBD ^f	4.5	2.7*	
Brain and ONS ^f	3.5	0.3		Liver & IBD ^f	3.5	2.5*		Stomach	4.1	-3.3*	
Myeloma	2.7	-0.7		Kidney and Renal Pelvis	2.5	-1.6*		Cervix Uteri	3.8	-2.1*	
Kidney and Renal Pelvis	2.4	-1.6*		Myeloma	2.4	-0.9*		Non-Hodgkin Lymphoma	3.5	-1.4*	
Stomach	2.3	-2.2*		Urinary Bladder	2.2	-0.5*		Urinary Bladder	2.5	-1.4*	
Cervix Uteri	2.3	-0.8*		Cervix Uteri	2.1	-0.4		Kidney and Renal Pelvis	2.4	-1.9*	
Urinary Bladder	2.2	-0.7*		Stomach	2.0	-2.0*		Brain and ONS ^f	2.1	1.2	
Asian/Pacific Islander				American Indian/Alaska Native ^d				Hispanic ^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c			
	2010-2014	2005-2014		2010-2014	2005-2014		2010-2014	2005-2014			
All Sites	88.8	-1.1*		All Sites	129.3	-1.5*		All Sites	97.7	-1.0*	
Lung and Bronchus	18.0	-0.6*		Lung and Bronchus	30.8	-1.7*		Breast	14.4	-0.6*	
Breast	11.3	-0.7		Breast	14.1	-3.6*		Lung and Bronchus	13.4	-1.3*	
Colon and Rectum	8.8	-2.6*		Colon and Rectum	14.0	-0.7		Colon and Rectum	9.2	-2.7*	
Pancreas	7.3	0.4		Pancreas	8.1	-1.4		Pancreas	7.7	-0.4	
Liver & IBD ^f	6.1	-0.6		Liver & IBD ^f	6.9	1.7		Liver & IBD ^f	5.8	1.1*	
Ovary	4.4	-2.0*		Ovary	6.2	-2.3*		Ovary	5.4	-1.8*	
Stomach	4.3	-3.9*		Kidney and Renal Pelvis	4.2	0.7		Non-Hodgkin Lymphoma	4.1	-2.1*	
Non-Hodgkin Lymphoma	3.2	-1.3*		Stomach	3.8	0.0		Stomach	4.1	-1.7*	
Leukemia	3.0	-0.3		Corpus and Uterus, NOS	3.8	1.4		Leukemia	4.0	0.1	
Corpus and Uterus, NOS	2.9	2.2*		Leukemia	3.4	-1.3		Corpus and Uterus, NOS	3.6	2.0*	
Brain and ONS ^f	1.8	2.4		Non-Hodgkin Lymphoma	3.2	-5.7*		Cervix Uteri	2.6	-2.5*	
Cervix Uteri	1.7	-1.9		Cervix Uteri	2.8	-1.9		Brain and ONS ^f	2.4	0.5	
Myeloma	1.3	-2.5		Myeloma	2.7	2.5		Myeloma	2.3	-1.1	
Kidney and Renal Pelvis	1.1	-2.1		Brain and ONS ^f	2.0	-		Kidney and Renal Pelvis	2.3	-0.7	
Oral Cavity and Pharynx	1.1	-3.0*		Gallbladder	1.7	-5.1		Urinary Bladder	1.2	-0.5	

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Top 15 cancer sites selected based on 2010-2014 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

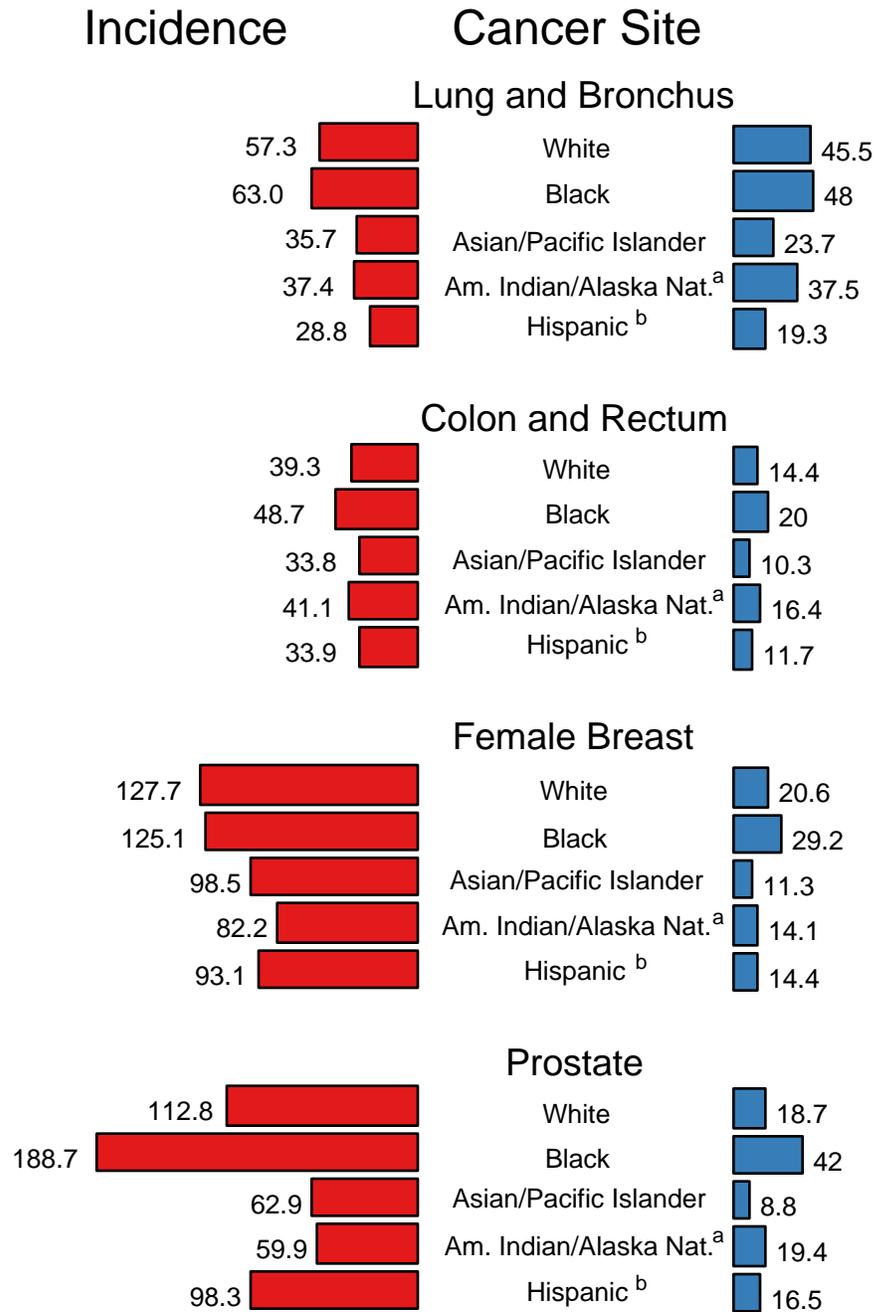
^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Figure 1.12

SEER Cancer Incidence and US Death Rates, 2010-2014 By Cancer Site and Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG) and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

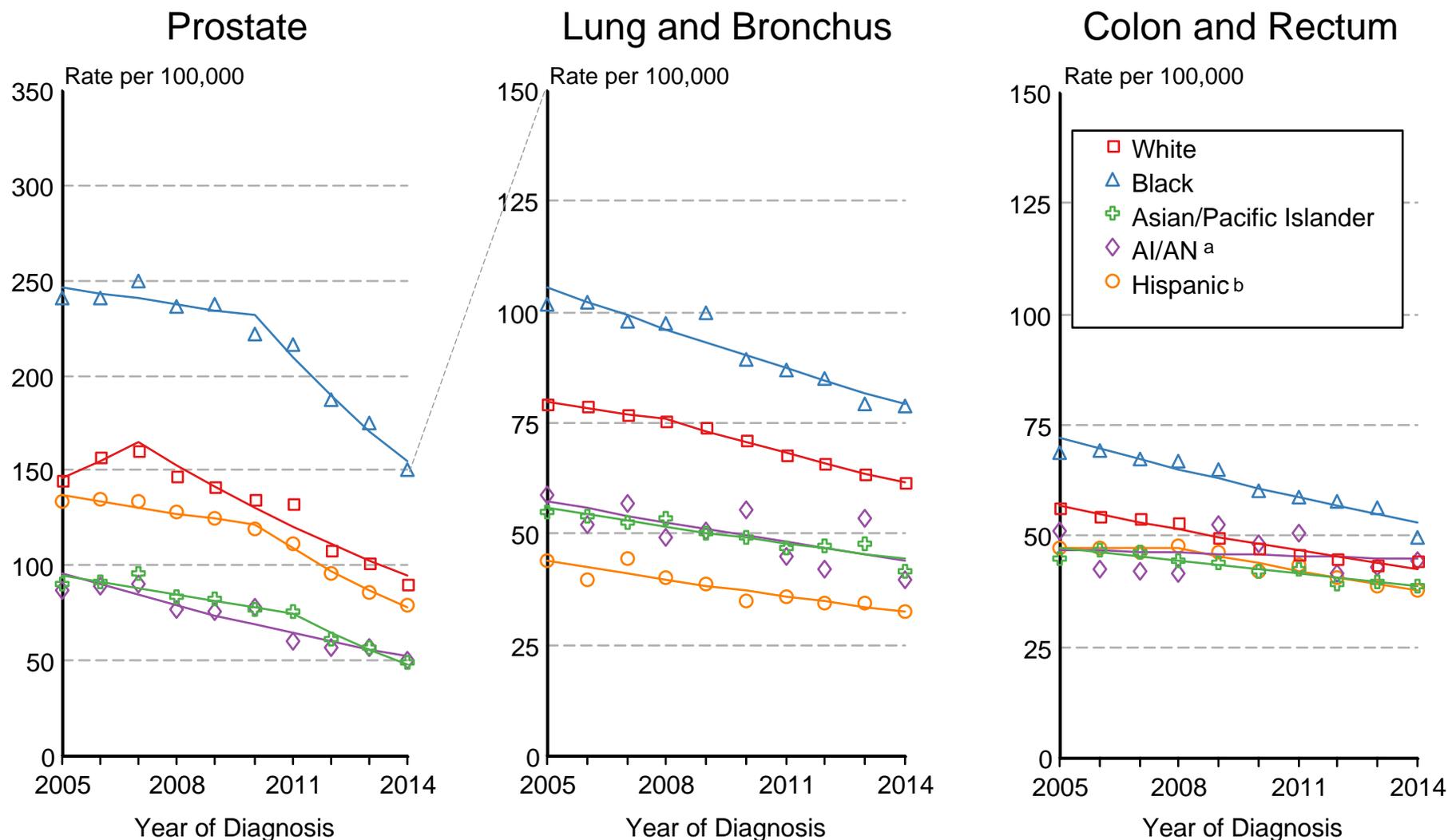
^a Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.13

SEER Incidence 2005-2014 Males by Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute.

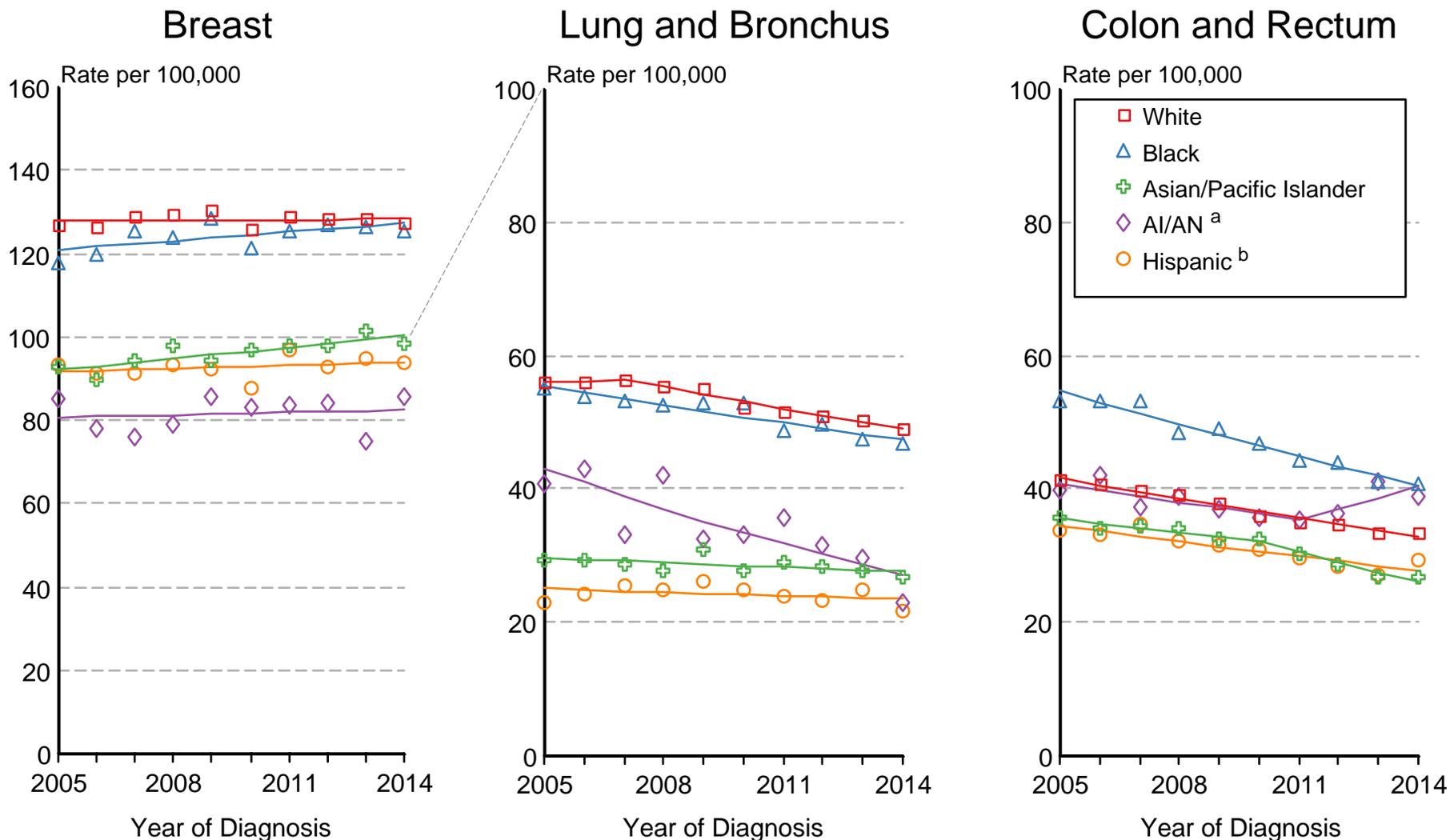
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.14

SEER Incidence 2005-2014 Females by Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute.

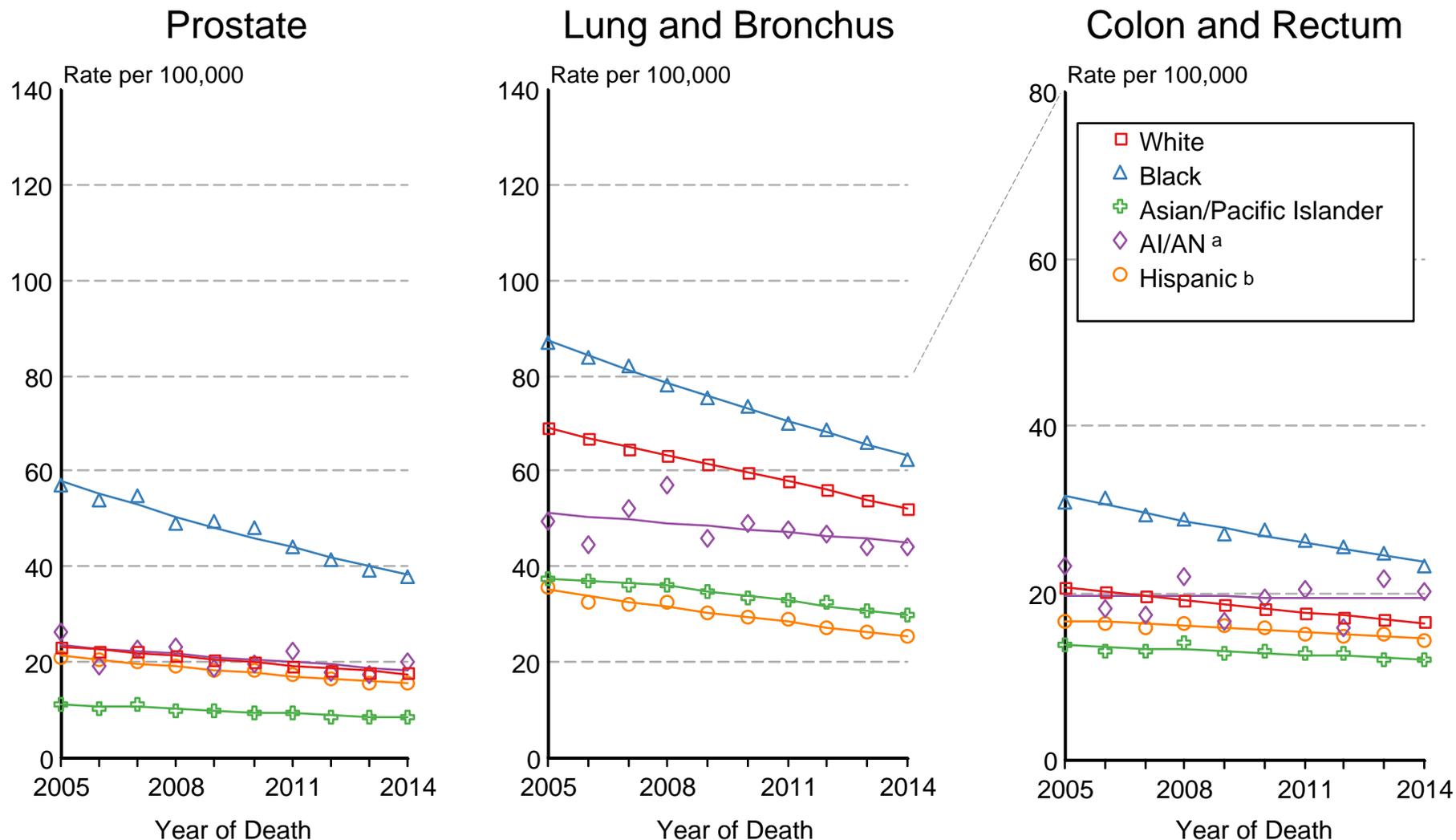
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.15

US Mortality 2005-2014 Males by Race/Ethnicity



Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

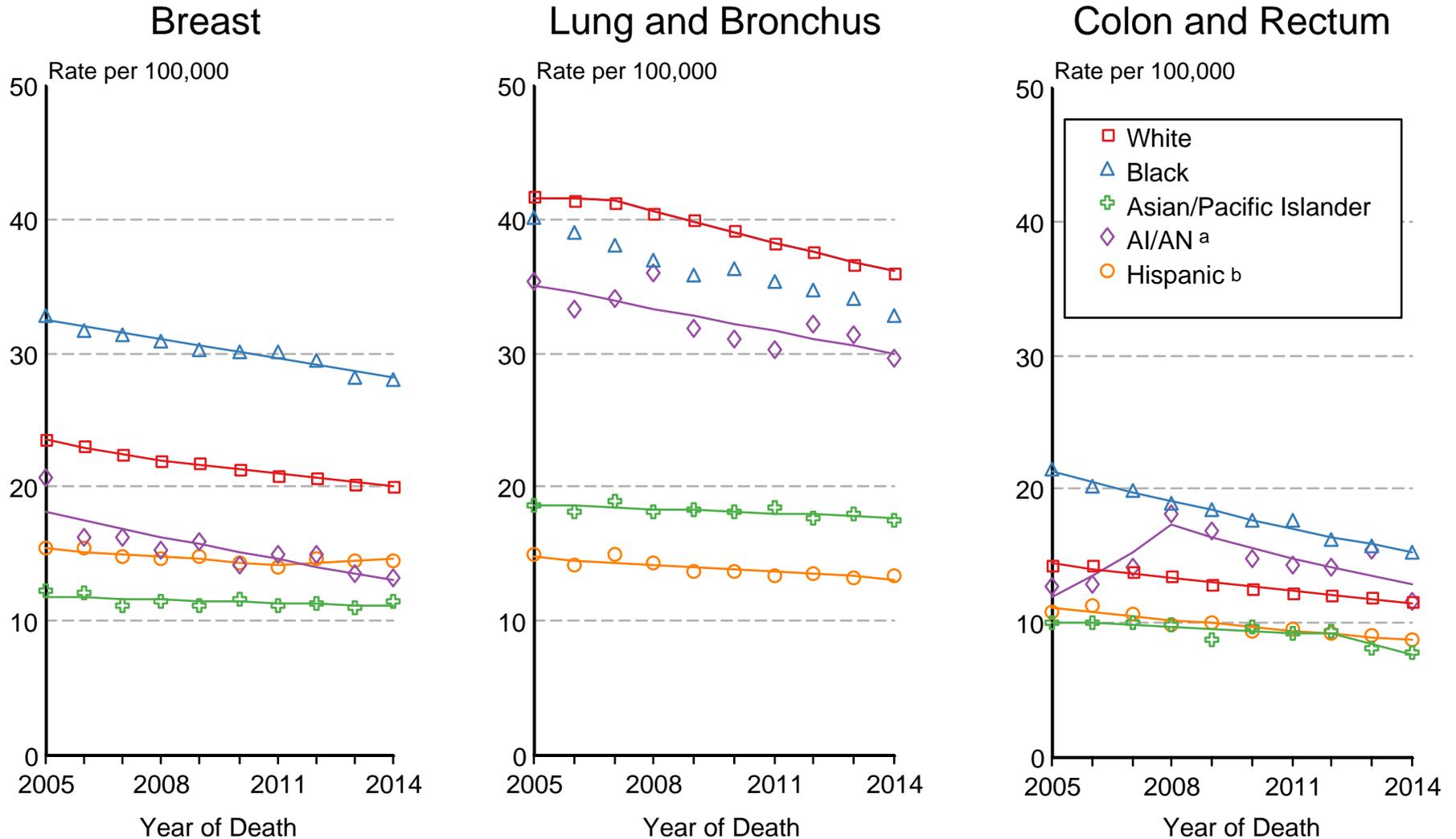
Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute.

^a Mortality rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Figure 1.16

US Mortality 2005-2014 Females by Race/Ethnicity



Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute.

^a Mortality rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Table 2.15
All Cancer Sites (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	442.7	492.4	408.7	-1.2*	-2.2*	-0.3	-1.1*	-2.1*	-0.2*
White	451.8	497.1	421.5	-1.1*	-2.1*	-0.3	-1.1*	-2.0*	-0.2*
White Hispanic ^e	350.3	380.1	334.6	-1.2*	-2.6*	0.1*	-	-	-
White Non-Hispanic ^e	472.0	518.8	440.0	-1.0*	-2.0*	-0.2	-	-	-
Black	459.3	549.7	397.4	-1.9*	-3.1*	-0.7*	-1.9*	-2.9*	-0.7
Asian/Pacific Islander	298.8	308.6	296.1	-1.2*	-2.5*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	316.0	331.4	308.9	-1.2	-0.6*	0.4*	-	-	-
Hispanic ^e	340.6	372.2	323.3	-1.2*	-2.5*	0.1*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	166.1	200.5	141.5	-1.5*	-1.8*	-1.4*			
White	166.2	199.8	141.9	-1.4*	-1.7*	-1.3*			
White Hispanic ^e	122.7	150.3	103.3	-1.1*	-1.4*	-0.9*			
White Non-Hispanic ^e	170.2	204.1	145.5	-1.4*	-1.6*	-1.3*			
Black	194.2	247.3	161.8	-2.1*	-2.7*	-1.6*			
Asian/Pacific Islander	102.8	122.7	88.8	-1.4*	-1.7*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	112.6	135.8	95.6	-2.2*	-1.4*	-2.3*			
CHSDA Counties	152.4	184.0	129.3	-1.1*	-0.3*	-1.5*			
Non-CHSDA Counties	68.8	83.7	58.0	-2.8*	-3.3*	-2.6*			
Hispanic ^e	116.2	142.6	97.7	-1.3*	-1.6*	-1.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

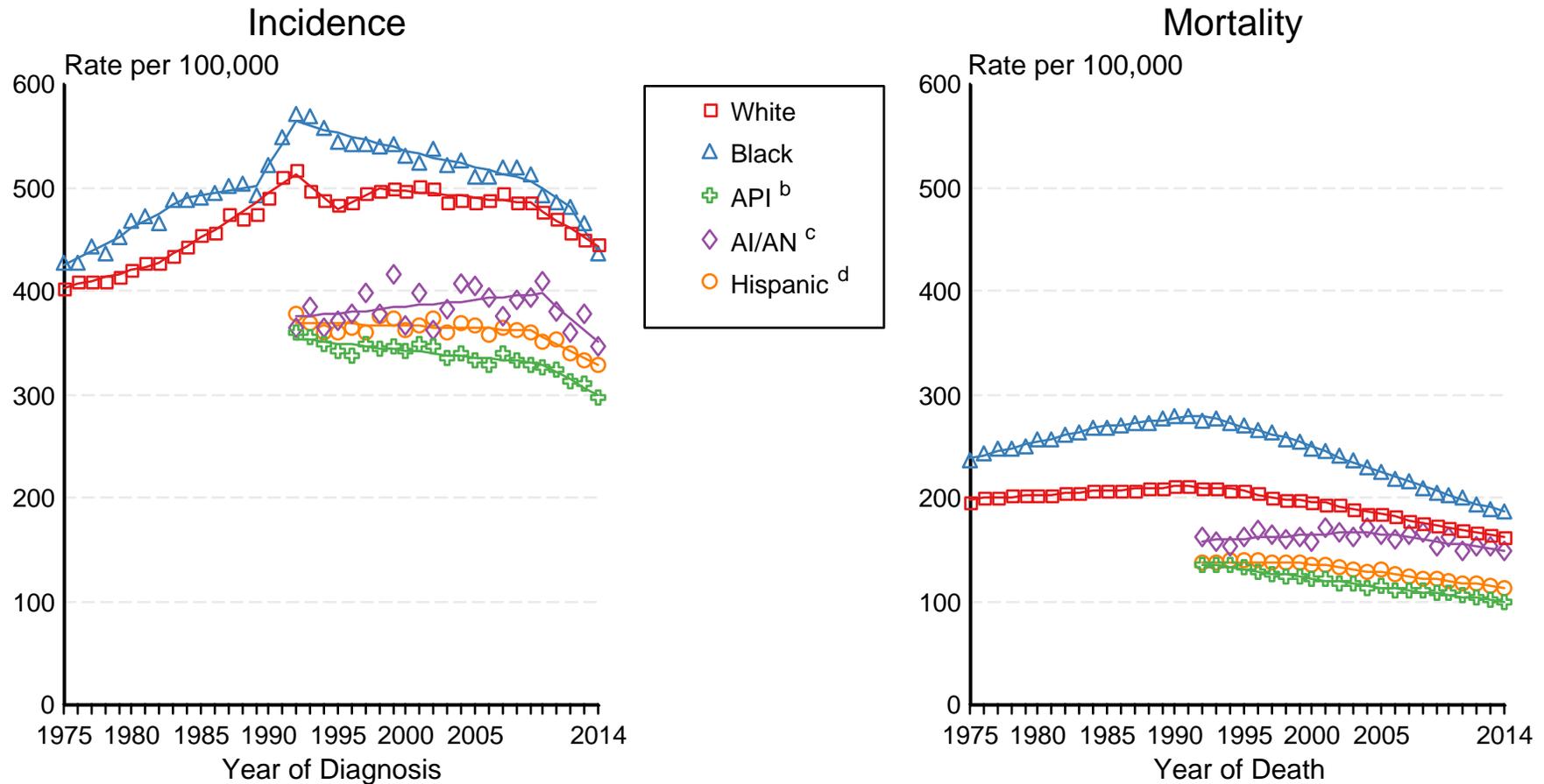
* The APC is significantly different from zero (p<.05).

Figure 2.4

SEER Incidence and US Death Rates^a All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 3.15
Cancer of the Brain And Other Nervous System (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.5	5.3	-0.3*	-0.4*	-0.2*	-0.2*	-0.4*	-0.2
White	7.0	8.3	5.9	-0.1	-0.2*	-0.1	-0.1	-0.3*	0.0
White Hispanic ^e	5.2	6.0	4.5	-1.4*	-0.3	-0.8*	-	-	-
White Non-Hispanic ^e	7.6	9.0	6.4	0.1	-0.1	0.2	-	-	-
Black	4.0	4.8	3.5	-0.1	0.1	-0.3	0.1	-0.1	0.4
Asian/Pacific Islander	3.7	4.4	3.1	-0.2	-0.1	-0.3	-	-	-
Amer Ind/Alaska Nat ^f	3.1	4.1	2.3	-6.7	-0.5	-	-	-	-
Hispanic ^e	4.9	5.7	4.3	-1.6*	-0.3	-0.8*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.3	5.3	3.5	0.2	0.2	0.2			
White	4.7	5.7	3.8	0.3	0.3	0.3			
White Hispanic ^e	3.1	3.6	2.6	0.2	0.2	0.2			
White Non-Hispanic ^e	4.9	6.0	4.0	0.5*	0.5*	0.4			
Black	2.6	3.2	2.1	0.9	-0.4*	-0.5*			
Asian/Pacific Islander	2.1	2.4	1.8	0.3	0.4	0.2			
Amer Ind/Alaska Nat									
Total U.S.	2.1	2.4	1.8	0.2	-0.2	0.7			
CHSDA Counties	2.5	3.0	2.0	1.2*	1.2	1.4			
Non-CHSDA Counties	1.6	1.7	1.5	-1.3	-2.3	-0.5			
Hispanic ^e	2.9	3.4	2.4	0.1	0.0	0.1			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

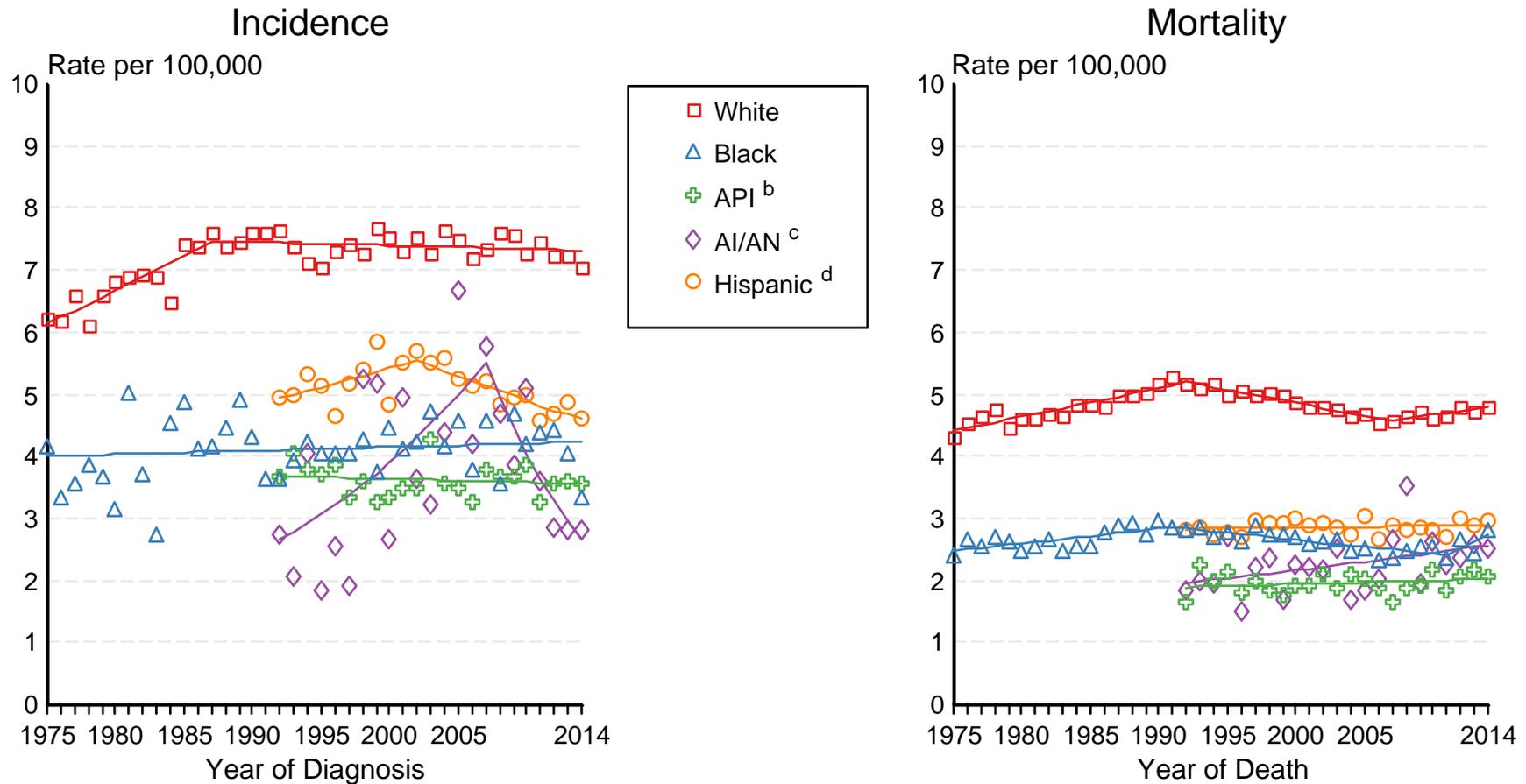
* The APC is significantly different from zero (p<.05).

Figure 3.2

SEER Incidence and US Death Rates^a Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 4.18
Cancer of the Female Breast (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	124.9	0.2	0.3
White	127.7	0.0	0.1
White Hispanic ^e	96.6	0.2	-
White Non-Hispanic ^e	134.1	0.1	-
Black	125.1	0.2*	0.3*
Asian/Pacific Islander	98.5	1.2*	-
Amer Ind/Alaska Nat ^f	82.2	0.1	-
Hispanic ^e	93.1	0.2	-
<u>U.S. Mortality^g</u>			
	Rate 2010-2014	Trend 2005-2014 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	21.2	-1.8*	
White	20.6	-1.9*	
White Hispanic ^e	15.2	-0.6	
White Non-Hispanic ^e	21.2	-1.8*	
Black	29.2	-1.5*	
Asian/Pacific Islander	11.3	-0.9*	
Amer Ind/Alaska Nat			
Total U.S.	10.8	-1.8*	
CHSDA Counties	14.1	-3.1*	
Non-CHSDA Counties	7.2	-3.1*	
Hispanic ^e	14.4	-0.6	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Table 4.19
Cancer of the Female Breast (*In Situ*)

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	31.2	0.4	0.5*
White	31.0	-0.5	-0.5
White Hispanic ^e	22.3	1.7*	-
White Non-Hispanic ^e	33.1	-0.1	-
Black	31.4	1.6*	1.5*
Asian/Pacific Islander	30.7	1.3*	-
Amer Ind/Alaska Nat ^f	17.6	1.7*	-
Hispanic ^e	21.6	1.6*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

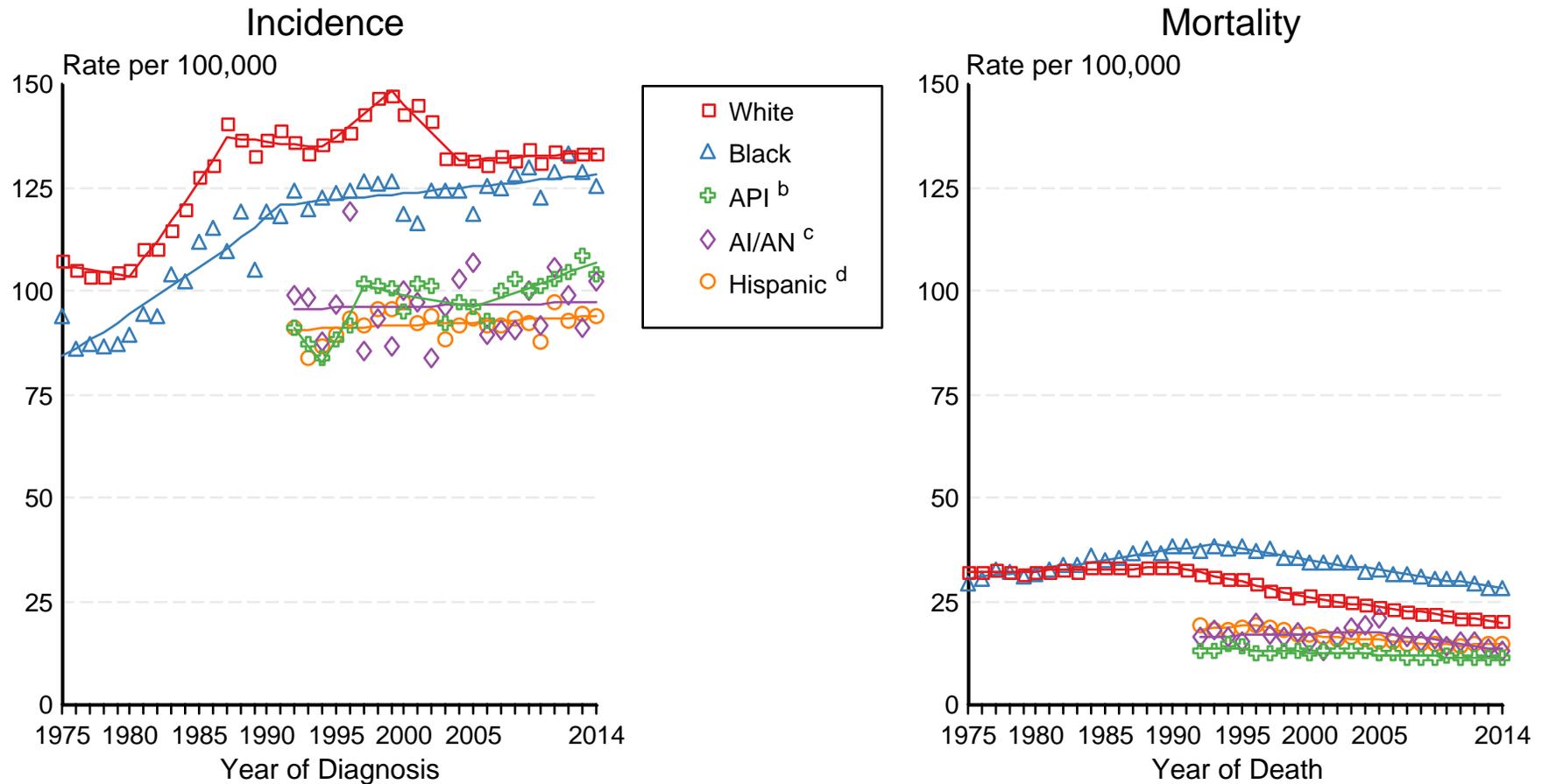
^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero ($p < .05$).

Figure 4.4

SEER Incidence and US Death Rates^a Cancer of the Female Breast

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 5.11
Cancer of the Cervix Uteri (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	7.4	-2.4*	-0.7
White	7.4	-2.0*	-0.2
White Hispanic ^e	9.6	-4.1*	-
White Non-Hispanic ^e	6.9	-0.7	-
Black	8.7	-3.5*	-3.6*
Asian/Pacific Islander	6.1	-3.9*	-
Amer Ind/Alaska Nat ^f	7.7	-1.2	-
Hispanic ^e	9.1	-4.1*	-
<u>U.S. Mortality^g</u>			
	Rate 2010-2014	Trend 2005-2014 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	2.3	-0.7*	
White	2.1	-0.4*	
White Hispanic ^e	2.8	-2.6*	
White Non-Hispanic ^e	2.1	-0.1	
Black	3.8	-2.1*	
Asian/Pacific Islander	1.7	-3.5*	
Amer Ind/Alaska Nat			
Total U.S.	1.9	-3.4*	
CHSDA Counties	2.8	-2.5*	
Non-CHSDA Counties	0.8	-4.5*	
Hispanic ^e	2.6	-2.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

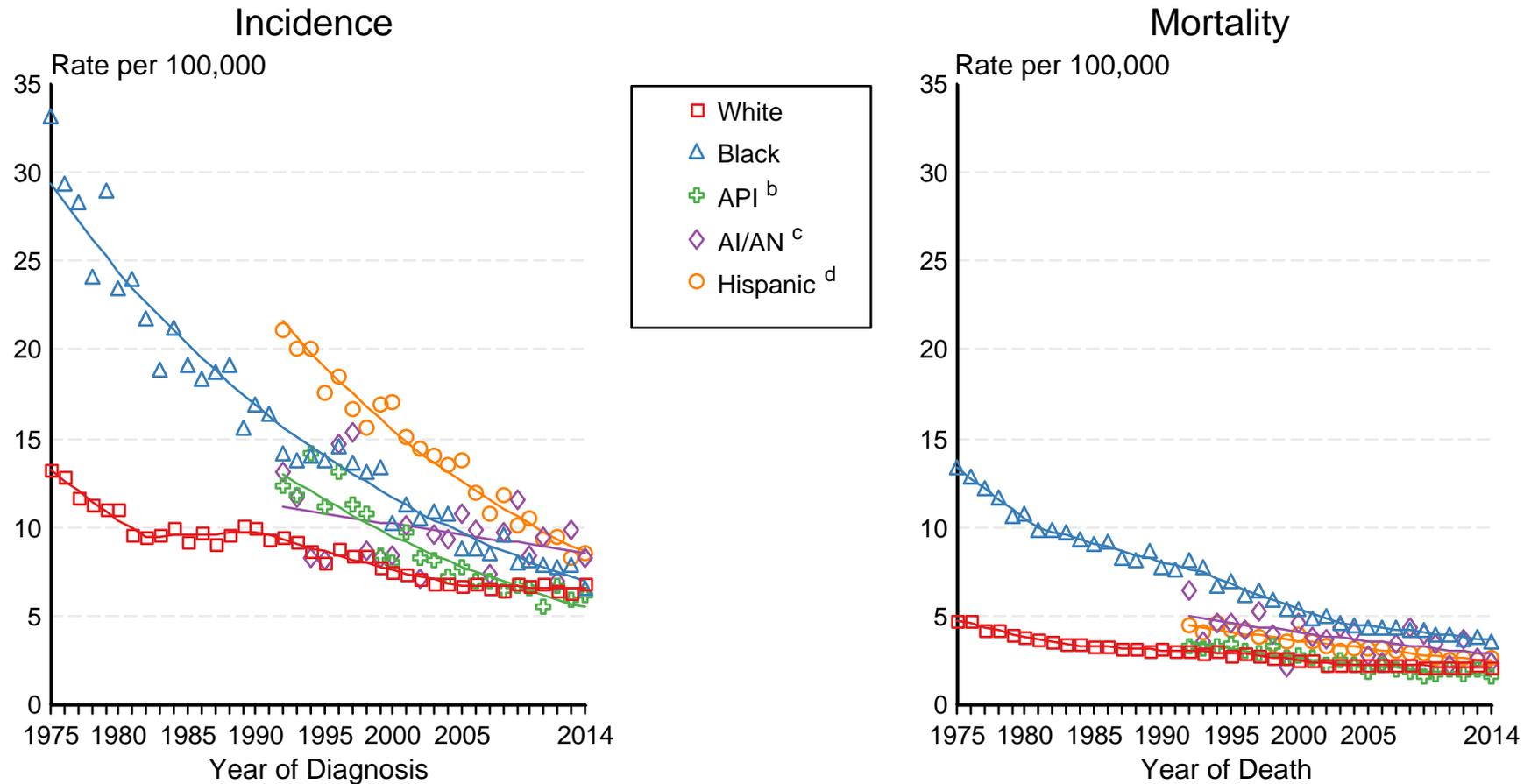
^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 5.3

SEER Incidence and US Death Rates^a Cancer of the Cervix Uteri

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 6.21
Cancer of the Colon and Rectum (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	40.1	46.0	35.1	-2.8*	-2.9*	-2.7*	-2.7*	-3.0*	-2.7*
White	39.3	45.0	34.4	-2.8*	-3.1*	-2.5*	-2.8*	-3.1*	-2.5*
White Hispanic ^e	35.0	41.5	29.9	-2.4*	-2.6*	-2.1*	-	-	-
White Non-Hispanic ^e	40.2	45.9	35.3	-2.7*	-3.0*	-2.5*	-	-	-
Black	48.7	56.4	43.2	-3.8*	-3.6*	-4.1*	-3.5*	-3.3*	-4.3*
Asian/Pacific Islander	33.8	40.2	28.8	-2.6*	-2.4*	-3.4*	-	-	-
Amer Ind/Alaska Nat ^f	41.1	45.5	37.5	-0.2	-0.2	-0.3	-	-	-
Hispanic ^e	33.9	40.0	29.1	-2.4*	-2.6*	-2.2*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	14.8	17.7	12.4	-2.5*	-2.5*	-2.8*			
White	14.4	17.2	12.1	-2.4*	-2.5*	-2.7*			
White Hispanic ^e	12.3	15.8	9.7	-1.6*	-1.3*	-2.1*			
White Non-Hispanic ^e	14.6	17.3	12.3	-2.4*	-2.5*	-2.7*			
Black	20.0	25.3	16.5	-3.0*	-2.8*	-3.4*			
Asian/Pacific Islander	10.3	12.4	8.8	-1.9*	-1.9*	-3.1*			
Amer Ind/Alaska Nat									
Total U.S.	11.7	14.0	10.0	-1.5*	-1.9*	-1.0*			
CHSDA Counties	16.4	19.5	14.0	-0.7	-0.8	-0.3			
Non-CHSDA Counties	6.5	8.0	5.6	-1.9*	-2.9*	-1.6*			
Hispanic ^e	11.7	15.0	9.2	-1.8*	-1.5*	-2.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Table 6.22
Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

Cancer of the Colon <u>SEER Incidence</u>	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	28.2	31.3	25.8	-3.1*	-3.3*	-3.0*	-3.2*	-3.5*	-3.0*
White	27.7	30.6	25.3	-3.1*	-3.4*	-2.8*	-3.0*	-3.7*	-2.9*
White Hispanic ^e	24.1	27.4	21.6	-2.6*	-2.9*	-2.3*	-	-	-
White Non-Hispanic ^e	28.4	31.3	26.0	-3.0*	-3.3*	-2.9*	-	-	-
Black	36.3	40.9	33.1	-3.9*	-3.7*	-4.3*	-3.6*	-3.5*	-4.2*
Asian/Pacific Islander	22.1	25.0	19.8	-3.0*	-2.9*	-3.8*	-	-	-
Amer Ind/Alaska Nat ^f	29.0	30.7	27.6	-0.6	-0.7	-0.5	-	-	-
Hispanic ^e	23.3	26.4	21.0	-2.7*	-3.0*	-2.4*	-	-	-
Cancer of the Rectum <u>SEER Incidence</u>	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
RACE/ETHNICITY	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
Total	Males	Females	Total	Males	Females	Total	Males	Females	
All Races	11.8	14.8	9.4	-2.2*	-2.4*	-2.1*	-2.2*	-2.5*	-2.1*
White	11.6	14.4	9.1	-2.4*	-2.7*	-2.2*	-2.5*	-2.8*	-2.3*
White Hispanic ^e	10.9	14.1	8.3	-0.9*	-1.1*	-0.9*	-	-	-
White Non-Hispanic ^e	11.8	14.6	9.4	-2.5*	-2.8*	-2.3*	-	-	-
Black	12.4	15.5	10.2	-3.4*	-3.0*	-4.0*	-3.3*	-2.8*	-4.0*
Asian/Pacific Islander	11.7	15.2	9.0	-1.8*	-1.4*	-2.7*	-	-	-
Amer Ind/Alaska Nat ^f	12.1	14.8	9.8	0.5	0.8	0.1	-	-	-
Hispanic ^e	10.6	13.6	8.1	-1.0*	-1.2*	-0.9*	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

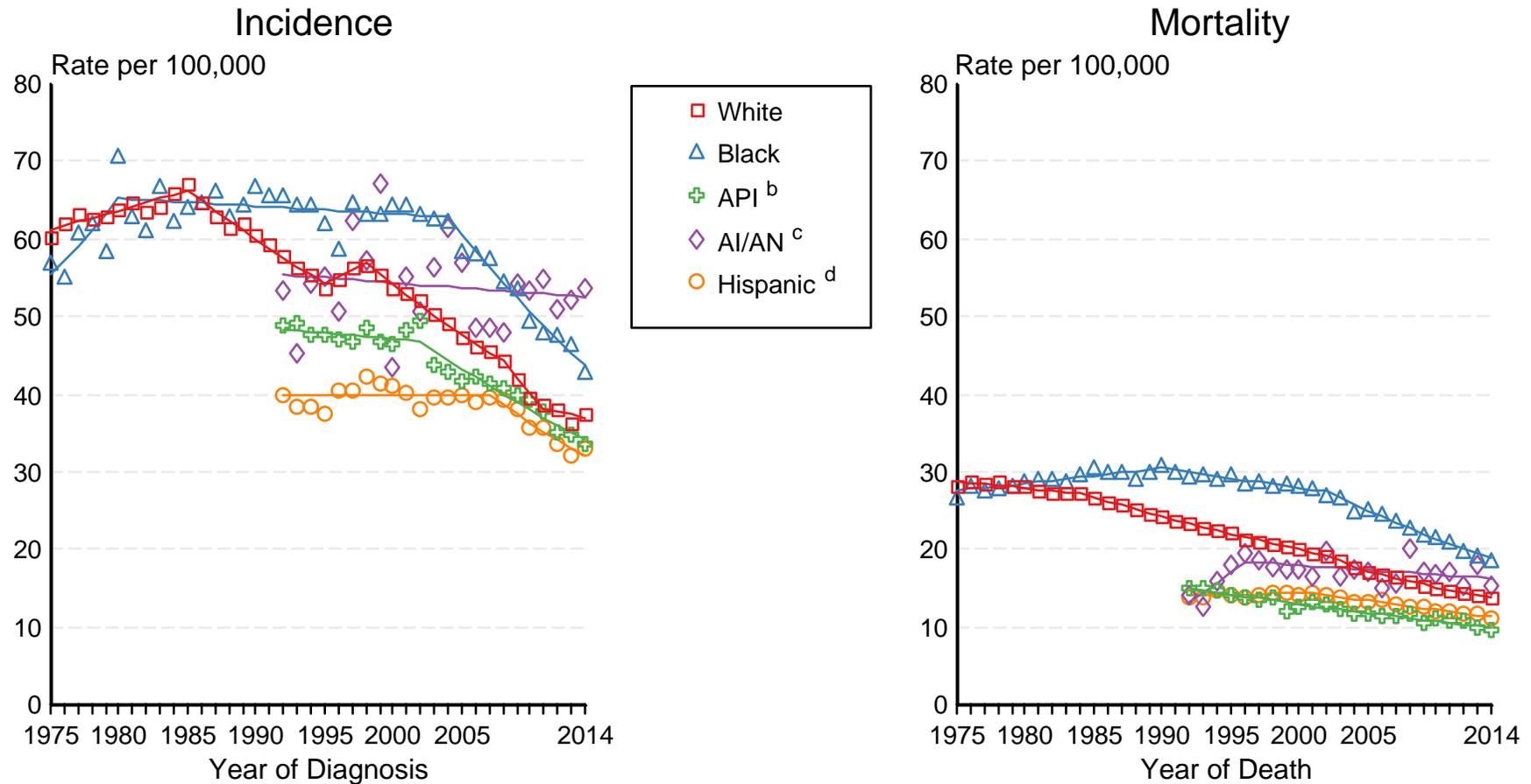
^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Figure 6.2

SEER Incidence and US Death Rates^a Cancer of the Colon and Rectum, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
^b API = Asian/Pacific Islander.
^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 7.11
Cancer of the Corpus And Uterus, NOS (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	25.7	1.3	1.2
White	26.3	1.0*	0.9*
White Hispanic ^e	22.7	3.2*	-
White Non-Hispanic ^e	26.8	0.7	-
Black	24.8	2.3*	2.3*
Asian/Pacific Islander	20.5	1.7*	-
Amer Ind/Alaska Nat ^f	19.9	2.3*	-
Hispanic ^e	21.9	3.2*	-
<u>U.S. Mortality^g</u>			
	Rate 2010-2014	Trend 2005-2014 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	4.6	1.4*	
White	4.2	1.3*	
White Hispanic ^e	3.8	2.2*	
White Non-Hispanic ^e	4.2	1.2*	
Black	8.1	2.0*	
Asian/Pacific Islander	2.9	1.8*	
Amer Ind/Alaska Nat			
Total U.S.	2.7	0.0	
CHSDA Counties	3.8	0.8	
Non-CHSDA Counties	1.4	-0.8	
Hispanic ^e	3.6	0.9*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

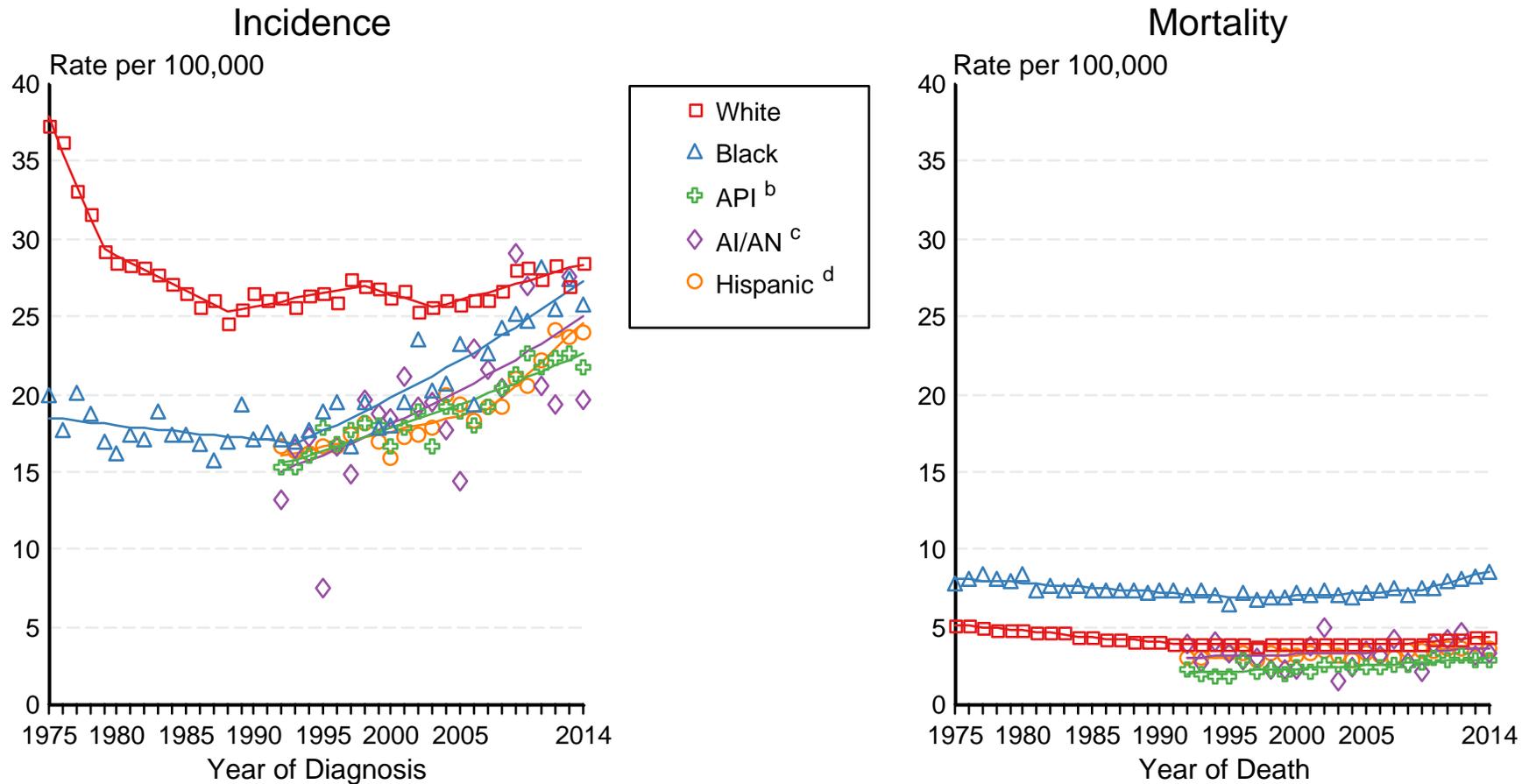
* The APC is significantly different from zero (p<.05).

Figure 7.3

SEER Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 8.15
Cancer of the Esophagus (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	4.2	7.3	1.7	-1.6*	-1.5*	-1.3*	-1.4*	-1.5*	-2.1*
White	4.5	7.7	1.7	-1.0*	-1.0*	-0.6*	-0.7	-0.9*	-0.1
White Hispanic ^e	2.9	5.1	1.1	-1.0*	-1.2*	-1.0	-	-	-
White Non-Hispanic ^e	4.7	8.2	1.8	-0.9*	-0.9*	-0.4*	-	-	-
Black	4.2	6.9	2.3	-4.6*	-4.7*	-4.2*	-4.5*	-4.8*	-3.3*
Asian/Pacific Islander	2.0	3.5	0.8	-2.1*	-2.3*	-1.0	-	-	-
Amer Ind/Alaska Nat ^f	3.0	5.1	1.4	-1.6	-2.6	-	-	-	-
Hispanic ^e	2.7	4.8	1.1	-1.0*	-1.2*	-1.1	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.1	7.3	1.5	-1.2*	-1.2*	-1.7*			
White	4.3	7.6	1.5	-0.5*	-0.7*	-1.1*			
White Hispanic ^e	2.3	4.2	0.8	-0.9*	-0.9*	-2.3*			
White Non-Hispanic ^e	4.5	8.0	1.6	-0.3*	-0.6*	-1.0*			
Black	3.7	6.3	1.9	-4.5*	-4.7*	-4.0*			
Asian/Pacific Islander	1.7	2.9	0.7	-1.8*	-1.8*	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	2.5	4.2	1.1	-1.7	0.2	-0.2			
CHSDA Counties	3.4	5.6	1.7	-1.9	0.3	1.9			
Non-CHSDA Counties	1.5	2.7	0.5	-1.7	-1.3	-3.8			
Hispanic ^e	2.2	4.0	0.8	-1.0*	-1.0*	-2.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

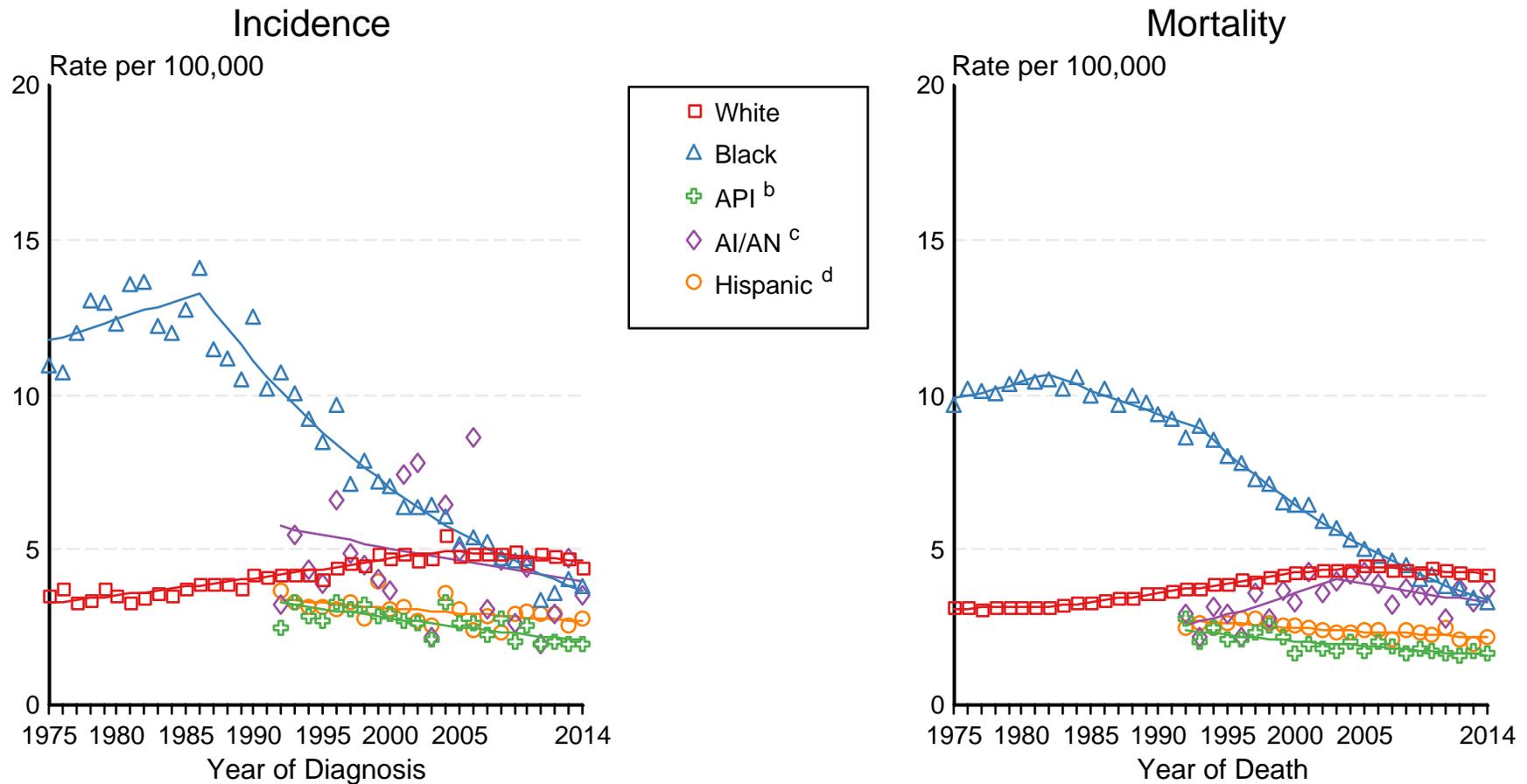
* The APC is significantly different from zero (p<.05).

Figure 8.2

SEER Incidence and US Death Rates^a Cancer of the Esophagus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 9.15
Hodgkin Lymphoma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	2.6	2.9	2.3	-1.2*	-0.9*	-0.3	-1.3	-0.4*	-1.6*
White	2.7	3.1	2.4	-1.7*	-0.1	-2.0*	-1.5*	-0.4*	-1.9*
White Hispanic ^e	2.3	2.7	2.0	0.1	-0.4	0.5	-	-	-
White Non-Hispanic ^e	3.0	3.3	2.7	-1.8*	0.0	-2.4*	-	-	-
Black	2.6	3.1	2.2	0.8*	0.9*	0.4	1.0*	0.5*	1.7*
Asian/Pacific Islander	1.3	1.6	1.1	0.1	1.6*	1.9*	-	-	-
Amer Ind/Alaska Nat ^f	1.3	1.4	1.3	-	-	-	-	-	-
Hispanic ^e	2.2	2.6	1.9	0.0	-0.4	0.5	-	-	-
U.S. Mortality ^g									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	0.3	0.4	0.3	-3.7*	-2.5*	-3.0*			
White	0.4	0.4	0.3	-3.7*	-2.4*	-2.9*			
White Hispanic ^e	0.4	0.6	0.3	-2.3*	-2.4*	-2.1*			
White Non-Hispanic ^e	0.3	0.4	0.3	-4.0*	-2.7*	-4.7*			
Black	0.3	0.4	0.2	-2.8*	-3.1*	-2.6*			
Asian/Pacific Islander	0.2	0.2	0.1	-1.9*	-2.2	-			
Amer Ind/Alaska Nat	-	-	-	-	-	-			
Total U.S.	-	-	-	-3.8	-	-			
CHSDA Counties	-	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.4	0.5	0.3	-2.4*	-2.5*	-2.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

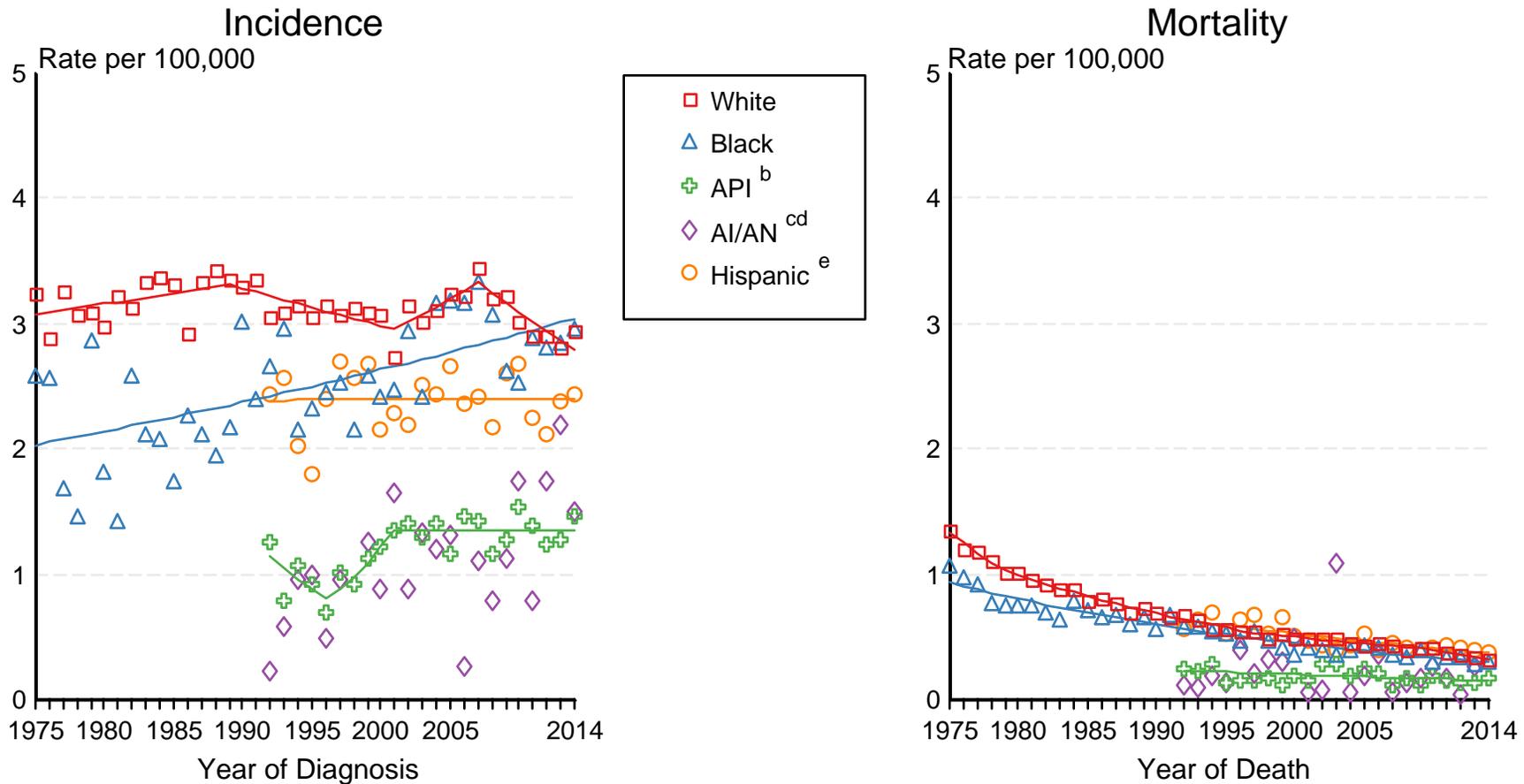
- Statistic not shown. Rate based on less than 16 cases for the time interval.
- Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.
- The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.
- ^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.
- ^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.
- ^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- ^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^g US Mortality Files, National Center for Health Statistics, CDC.
- ^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.
- * The APC is significantly different from zero (p<.05).

Figure 9.2

SEER Incidence and US Death Rates^a Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Incidence due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 10.13
Kaposi Sarcoma

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.5	0.9	0.1	-2.5*	-2.6*	2.1	-1.8*	-1.8*	-3.8*
White	0.4	0.8	0.1	-3.4*	-3.5*	-4.4*	-2.7*	-2.7*	-5.0*
White Hispanic ^e	0.7	1.2	0.2	-4.5*	-4.0*	-4.0*	-	-	-
White Non-Hispanic ^e	0.3	0.6	0.1	-3.5*	-3.6*	-5.3*	-	-	-
Black	1.1	2.2	0.2	-1.4	-1.5*	5.5	-0.1	-0.5	-
Asian/Pacific Islander	0.2	0.4	-	-0.7	0.1	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.7	1.2	0.2	-3.5*	-4.0*	-3.0*	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Table 11.15
Cancer of the Kidney and Renal Pelvis (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	15.6	21.4	10.7	0.7*	0.8*	0.3	0.7*	1.1	0.1
White	16.1	21.9	11.0	0.7*	0.7*	0.3	0.6*	0.8*	0.0
White Hispanic ^e	16.1	21.1	12.0	0.6	0.2	0.6	-	-	-
White Non-Hispanic ^e	16.2	22.2	10.9	0.7*	0.9*	0.0	-	-	-
Black	18.0	25.0	12.6	0.9	2.4*	0.1	1.1	2.8*	-0.1
Asian/Pacific Islander	8.2	11.7	5.5	2.4*	2.3*	2.6*	-	-	-
Amer Ind/Alaska Nat ^f	17.2	22.9	12.7	0.9	1.0	0.7	-	-	-
Hispanic ^e	15.4	20.2	11.5	0.6	0.2	0.6	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	3.9	5.6	2.4	-0.9*	-0.8*	-1.6*			
White	4.0	5.8	2.5	-0.8*	-0.7*	-1.6*			
White Hispanic ^e	3.7	5.2	2.5	0.0	-0.2	0.0			
White Non-Hispanic ^e	4.0	5.8	2.5	-0.8*	-0.5*	-1.6*			
Black	3.7	5.5	2.4	-0.9*	-0.6*	-2.3*			
Asian/Pacific Islander	1.8	2.7	1.1	0.0	0.2	-0.4			
Amer Ind/Alaska Nat									
Total U.S.	4.1	5.5	3.0	-1.0*	-1.2*	-1.2			
CHSDA Counties	6.3	8.9	4.2	-0.1	-0.3	-0.4			
Non-CHSDA Counties	1.7	2.0	1.5	-1.9*	-1.6	-2.1			
Hispanic ^e	3.5	4.9	2.3	-1.0*	-0.3	-0.1			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

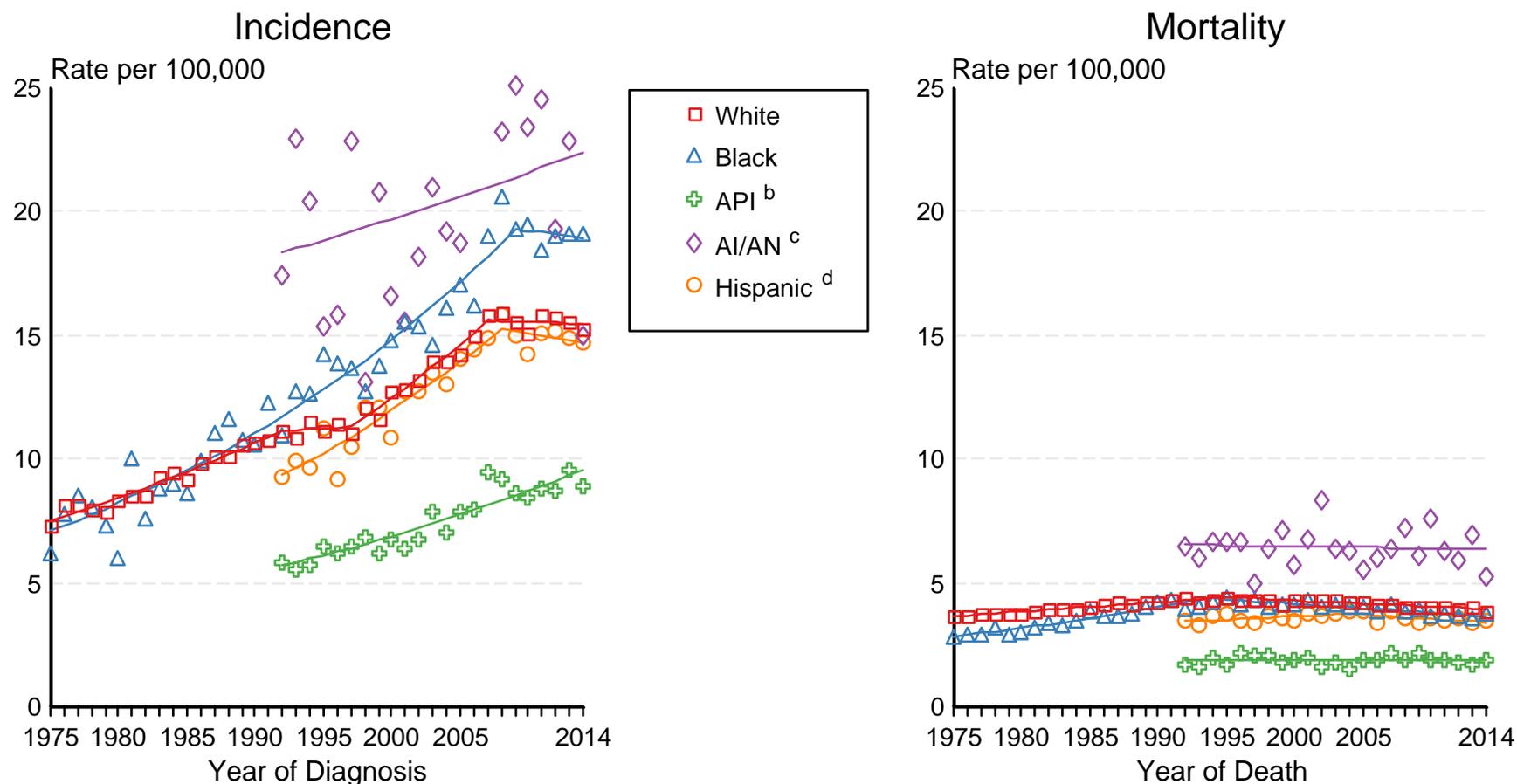
* The APC is significantly different from zero (p<.05).

Figure 11.2

SEER Incidence and US Death Rates^a Cancer of the Kidney and Renal Pelvis, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 12.15
Cancer of the Larynx (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	3.1	5.4	1.1	-2.7*	-2.7*	-3.1*	-2.4*	-2.5*	-2.6*
White	3.1	5.4	1.2	-2.4*	-2.4*	-2.9*	-2.3*	-2.4*	-2.4*
White Hispanic ^e	2.1	4.2	0.5	-1.9*	-1.9*	-3.3*	-	-	-
White Non-Hispanic ^e	3.3	5.7	1.3	-2.3*	-2.4*	-2.6*	-	-	-
Black	4.5	8.5	1.6	-3.4*	-3.4*	-3.3*	-3.0*	-2.9*	-3.1*
Asian/Pacific Islander	1.1	2.1	0.3	-3.3*	-3.1*	-3.0*	-	-	-
Amer Ind/Alaska Nat ^f	1.8	3.2	-	-0.2	0.2	-	-	-	-
Hispanic ^e	2.0	4.0	0.5	-1.9*	-1.8*	-3.0*	-	-	-
U.S. Mortality ^g									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	1.0	1.9	0.4	-2.2*	-2.5*	-2.2*			
White	1.0	1.8	0.4	-1.9*	-2.2*	-1.9*			
White Hispanic ^e	0.8	1.6	0.2	-2.6*	-2.8*	-2.5*			
White Non-Hispanic ^e	1.0	1.8	0.4	-1.8*	-2.1*	-1.7*			
Black	1.7	3.4	0.6	-3.4*	-3.4*	-3.2*			
Asian/Pacific Islander	0.4	0.7	0.1	-2.2*	-1.7*	-4.3*			
Amer Ind/Alaska Nat									
Total U.S.	0.7	1.3	0.2	-2.7*	-2.1	-			
CHSDA Counties	0.9	1.7	-	-2.4	-1.4	-			
Non-CHSDA Counties	0.5	0.9	-	-	-	-			
Hispanic ^e	0.8	1.6	0.2	-2.6*	-2.8*	-2.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

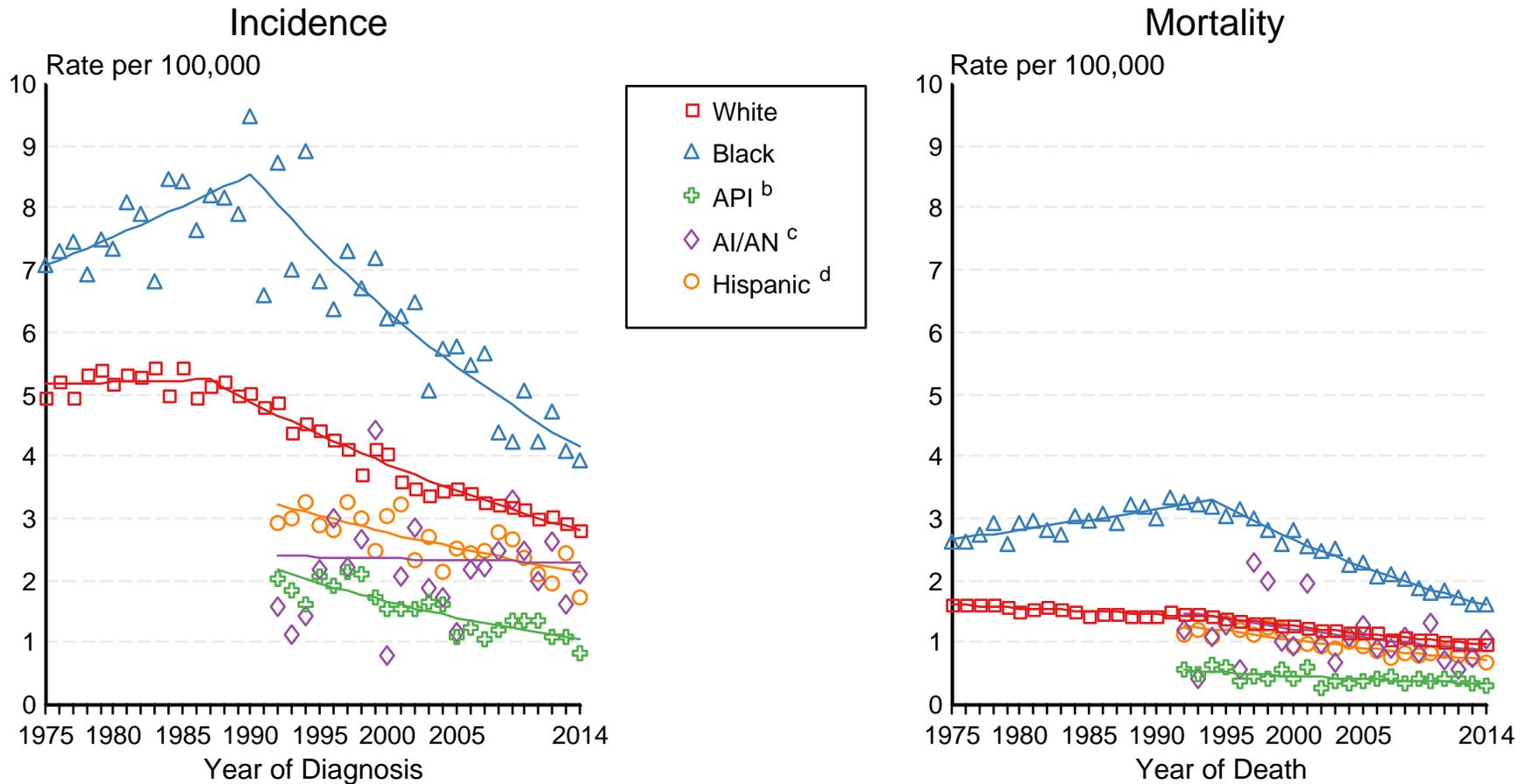
* The APC is significantly different from zero (p<.05).

Figure 12.2

SEER Incidence and US Death Rates^a Cancer of the Larynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 13.23
Leukemia

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.7	17.6	10.7	0.3*	0.1	0.3*	0.3*	0.2*	0.3*
White	14.5	18.5	11.3	0.4*	0.2*	0.5*	0.4*	0.2*	0.5*
White Hispanic ^e	11.0	13.3	9.2	0.5*	0.2	0.7*	-	-	-
White Non-Hispanic ^e	14.9	19.1	11.5	0.5*	0.3*	0.5*	-	-	-
Black	10.9	14.0	8.8	0.2	0.2	0.2	0.0	0.0	0.1
Asian/Pacific Islander	7.8	9.7	6.3	-0.1	-0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.1	9.8	6.8	1.7	2.4*	1.3	-	-	-
Hispanic ^e	10.6	12.9	8.8	0.5*	0.2	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	6.8	9.1	5.1	-1.0*	-1.0*	-1.2*			
White	7.1	9.5	5.3	-0.9*	-0.7*	-1.1*			
White Hispanic ^e	5.2	6.5	4.2	-0.3*	-0.3*	-0.4*			
White Non-Hispanic ^e	7.2	9.6	5.3	-0.9*	-0.7*	-1.1*			
Black	5.7	7.5	4.6	-1.3*	-1.3*	-1.2*			
Asian/Pacific Islander	3.9	5.0	3.0	-0.9	-0.7*	-0.8*			
Amer Ind/Alaska Nat									
Total U.S.	3.4	4.5	2.6	-1.4*	-1.4	-1.8*			
CHSDA Counties	4.4	5.8	3.4	-0.5	-0.2	-1.0			
Non-CHSDA Counties	2.3	3.0	1.7	-2.6*	-2.6	-2.7*			
Hispanic ^e	4.9	6.1	4.0	-0.4*	-0.4*	-0.5*			

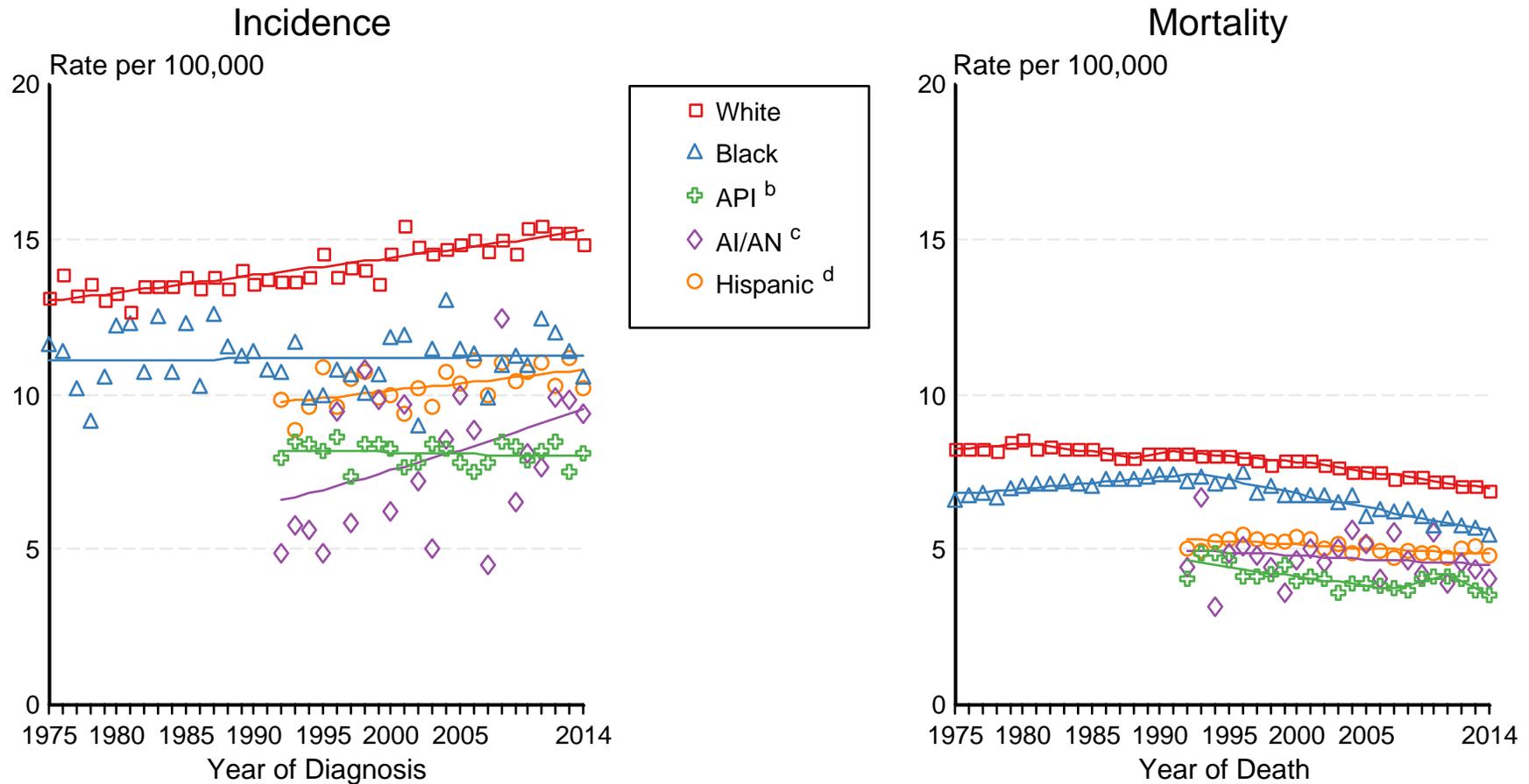
The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.
- a Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.
- b The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- b The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.
- c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.
- d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.
- e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- g US Mortality Files, National Center for Health Statistics, CDC.
- h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.
- * The APC is significantly different from zero (p<.05).

Figure 13.3

SEER Incidence and US Death Rates^a Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 14.15
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	8.6	13.3	4.6	1.9*	1.5	2.4*	2.7*	2.3*	2.7*
White	7.8	11.9	4.1	2.9*	2.3*	3.8*	3.4*	2.8*	3.9*
White Hispanic ^e	13.8	20.6	7.9	0.8	0.2	2.5*	-	-	-
White Non-Hispanic ^e	6.8	10.4	3.5	3.4*	2.5*	3.8*	-	-	-
Black	10.1	16.7	5.0	1.4	1.3	2.7*	1.5	1.5	2.7*
Asian/Pacific Islander	13.2	20.2	7.6	-1.9*	-2.2	-1.9*	-	-	-
Amer Ind/Alaska Nat ^f	13.3	18.7	8.6	2.4*	2.8*	1.2	-	-	-
Hispanic ^e	13.2	19.7	7.6	0.9	0.3	2.5*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	6.3	9.2	3.7	2.5*	2.5*	2.3*			
White	5.8	8.5	3.5	2.7*	2.6*	2.5*			
White Hispanic ^e	9.6	13.8	6.1	1.9*	1.8*	1.7*			
White Non-Hispanic ^e	5.5	8.0	3.3	2.7*	2.7*	2.2*			
Black	8.2	13.0	4.5	2.4*	2.3*	1.2*			
Asian/Pacific Islander	9.7	14.3	6.1	-0.8*	-0.8*	-0.6*			
Amer Ind/Alaska Nat									
Total U.S.	7.2	10.1	4.7	1.6*	1.8*	1.0			
CHSDA Counties	10.5	14.9	6.9	2.2*	2.6*	1.3			
Non-CHSDA Counties	3.6	4.9	2.3	1.7*	1.6	2.1*			
Hispanic ^e	9.1	13.1	5.8	1.8*	1.7*	1.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

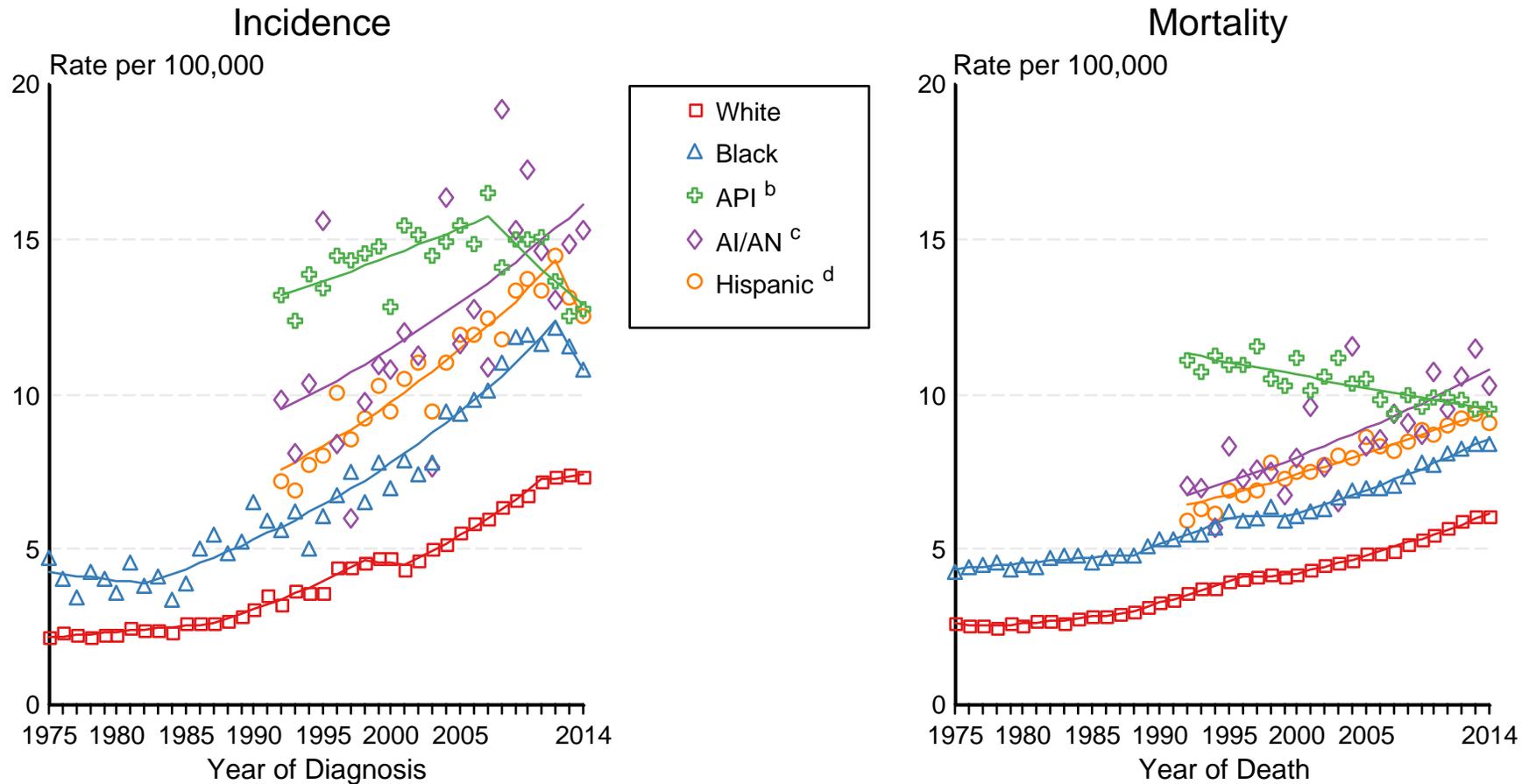
* The APC is significantly different from zero (p<.05).

Figure 14.2

SEER Incidence and US Death Rates^a Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 15.21
Lung and Bronchus (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	55.8	65.7	48.4	-2.2*	-2.9*	-1.6*	-2.0*	-2.7*	-1.4*
White	57.3	65.9	50.8	-2.2*	-2.8*	-1.6*	-1.9*	-2.6*	-1.3*
White Hispanic ^e	29.7	36.5	24.8	-1.4*	-2.2*	-0.5*	-	-	-
White Non-Hispanic ^e	61.8	70.5	55.3	-2.0*	-2.7*	-1.4*	-	-	-
Black	63.0	83.7	49.0	-3.0*	-4.1*	-1.9*	-2.8*	-2.9*	-1.7*
Asian/Pacific Islander	35.7	46.4	27.9	-1.7*	-2.5*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	37.4	46.9	30.4	-4.1*	-1.7*	-4.6*	-	-	-
Hispanic ^e	28.8	35.3	24.2	-1.4*	-2.1*	-0.5*	-	-	-
U.S. Mortality ^g									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	44.7	55.9	36.3	-2.4*	-3.1*	-1.7*			
White	45.5	55.9	37.5	-2.3*	-3.0*	-1.6*			
White Hispanic ^e	20.3	28.7	14.1	-2.3*	-3.2*	-1.1*			
White Non-Hispanic ^e	47.9	58.4	39.9	-2.1*	-2.9*	-1.5*			
Black	48.0	68.0	34.6	-2.8*	-3.5*	-2.0*			
Asian/Pacific Islander	23.7	31.7	18.0	-1.7*	-2.5*	-0.4*			
Amer Ind/Alaska Nat									
Total U.S.	29.9	37.1	24.4	-1.3*	-2.1*	-2.8*			
CHSDA Counties	37.5	46.3	30.8	-0.4	-1.2*	-1.7*			
Non-CHSDA Counties	21.3	26.8	17.0	-2.4*	-3.3*	-2.3*			
Hispanic ^e	19.3	27.3	13.4	-2.6*	-3.4*	-1.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

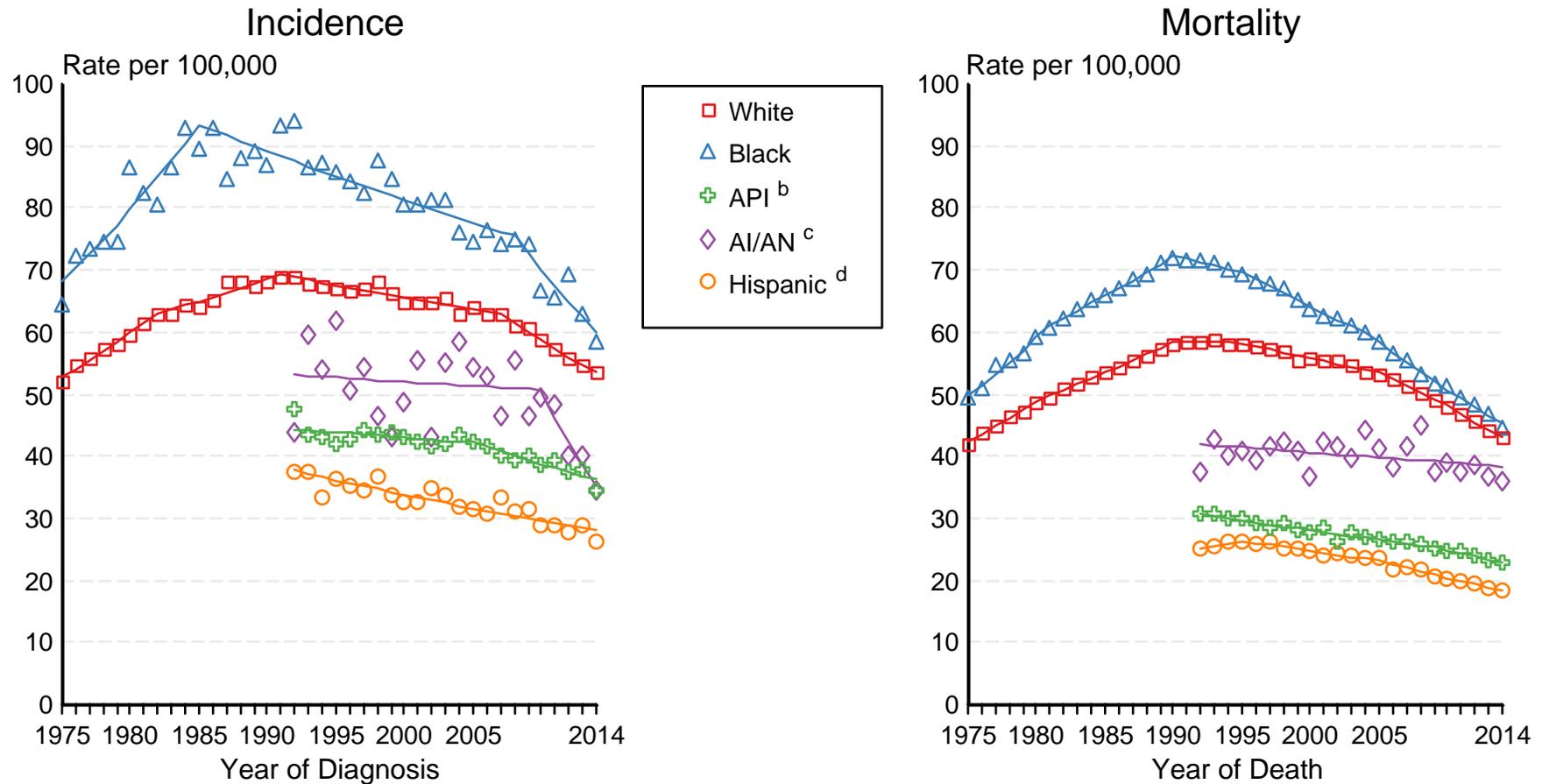
h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 15.4

SEER Incidence and US Death Rates^a Cancer of the Lung and Bronchus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 16.15
Melanoma of the Skin (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	22.3	29.2	17.3	1.6*	1.8*	1.4*	1.4*	1.5*	1.6
White	26.6	34.4	20.9	1.1*	1.3*	0.8	1.5*	1.6*	1.1*
White Hispanic ^e	4.8	5.1	4.8	1.0*	1.4*	0.7	-	-	-
White Non-Hispanic ^e	31.6	40.1	25.3	1.4*	1.6*	1.2*	-	-	-
Black	1.1	1.1	1.0	-0.5	-2.8*	0.0	-0.2	-0.5	-0.1
Asian/Pacific Islander	1.4	1.6	1.2	0.5	1.2*	-0.3	-	-	-
Amer Ind/Alaska Nat ^f	4.5	4.3	4.9	1.9	1.5	1.8	-	-	-
Hispanic ^e	4.7	5.0	4.7	0.9*	1.4*	0.6	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	2.7	4.0	1.7	-0.1	-0.3	-0.6*			
White	3.1	4.6	1.9	0.1	-0.1	-0.4*			
White Hispanic ^e	0.8	1.1	0.6	-0.2	-0.1	-0.5			
White Non-Hispanic ^e	3.3	4.9	2.1	0.4*	0.1	-0.1			
Black	0.4	0.5	0.4	-1.1*	-0.3	-1.7*			
Asian/Pacific Islander	0.4	0.4	0.3	-0.9	-1.8*	-0.1			
Amer Ind/Alaska Nat									
Total U.S.	0.7	1.0	0.4	0.0	1.1	-0.9			
CHSDA Counties	0.9	1.4	0.5	0.6	2.4	-			
Non-CHSDA Counties	0.4	-	-	0.2	-	-			
Hispanic ^e	0.8	1.0	0.6	-0.3	-0.2	-0.5			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

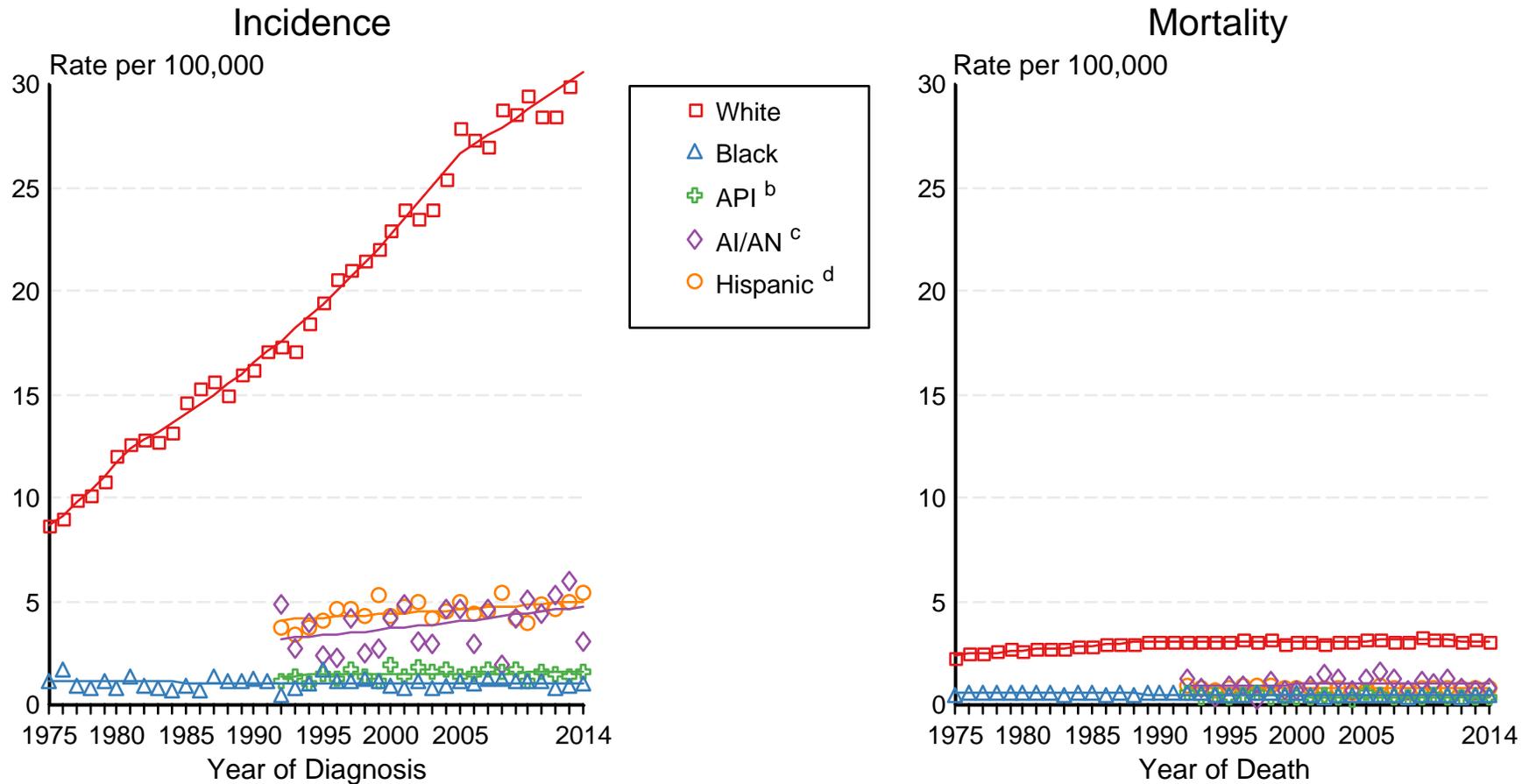
* The APC is significantly different from zero (p<.05).

Figure 16.2

SEER Incidence and US Death Rates^a Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 17.11
Mesothelioma

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.9	1.7	0.4	-1.1*	-1.5*	-0.1	-1.1*	-1.6*	-0.1
White	1.0	1.9	0.4	-0.8*	-1.3*	0.4	-0.7*	-1.4*	0.7*
White Hispanic ^e	0.9	1.6	0.4	-1.6*	-1.9*	-1.2	-	-	-
White Non-Hispanic ^e	1.1	1.9	0.5	-0.7*	-1.2*	0.5	-	-	-
Black	0.5	1.0	0.3	-3.2*	-3.4*	-2.4	-4.3*	-4.1*	-
Asian/Pacific Islander	0.3	0.6	0.2	-0.8	-0.8	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.8	1.5	0.4	-1.4*	-1.6*	-1.4	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Table 18.15
Myeloma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.6	8.3	5.2	0.6	0.7	0.4*	0.9	0.9*	0.7*
White	6.0	7.8	4.6	0.7*	0.8*	0.3	0.8*	0.9*	0.5*
White Hispanic ^e	6.3	7.9	5.0	0.1	0.3	-0.2	-	-	-
White Non-Hispanic ^e	6.0	7.8	4.5	0.7*	0.9*	0.3	-	-	-
Black	13.2	15.9	11.4	0.8*	1.0*	0.4	0.5	0.8*	0.9*
Asian/Pacific Islander	3.8	4.7	3.2	0.7*	0.7*	0.7	-	-	-
Amer Ind/Alaska Nat ^f	5.1	5.0	5.2	0.4	-0.1	0.7	-	-	-
Hispanic ^e	6.1	7.7	4.9	0.2	0.4	-0.1	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	3.3	4.2	2.7	-0.7*	-1.0*	-0.8*			
White	3.1	4.0	2.4	-0.7*	-0.8*	-1.0*			
White Hispanic ^e	2.9	3.6	2.4	-0.6*	-0.6*	-0.8*			
White Non-Hispanic ^e	3.1	4.0	2.4	-0.7*	-0.9*	-1.0*			
Black	6.3	7.5	5.5	-0.4	-0.7	-0.1			
Asian/Pacific Islander	1.6	2.1	1.3	-0.8*	-0.4	-1.3*			
Amer Ind/Alaska Nat									
Total U.S.	2.1	2.3	2.0	-2.0*	-2.3*	-2.0*			
CHSDA Counties	3.0	3.3	2.7	-1.4	-1.4*	-1.5			
Non-CHSDA Counties	1.2	1.3	1.2	-2.1*	-3.2*	-			
Hispanic ^e	2.8	3.4	2.3	-0.7*	-0.7*	-0.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

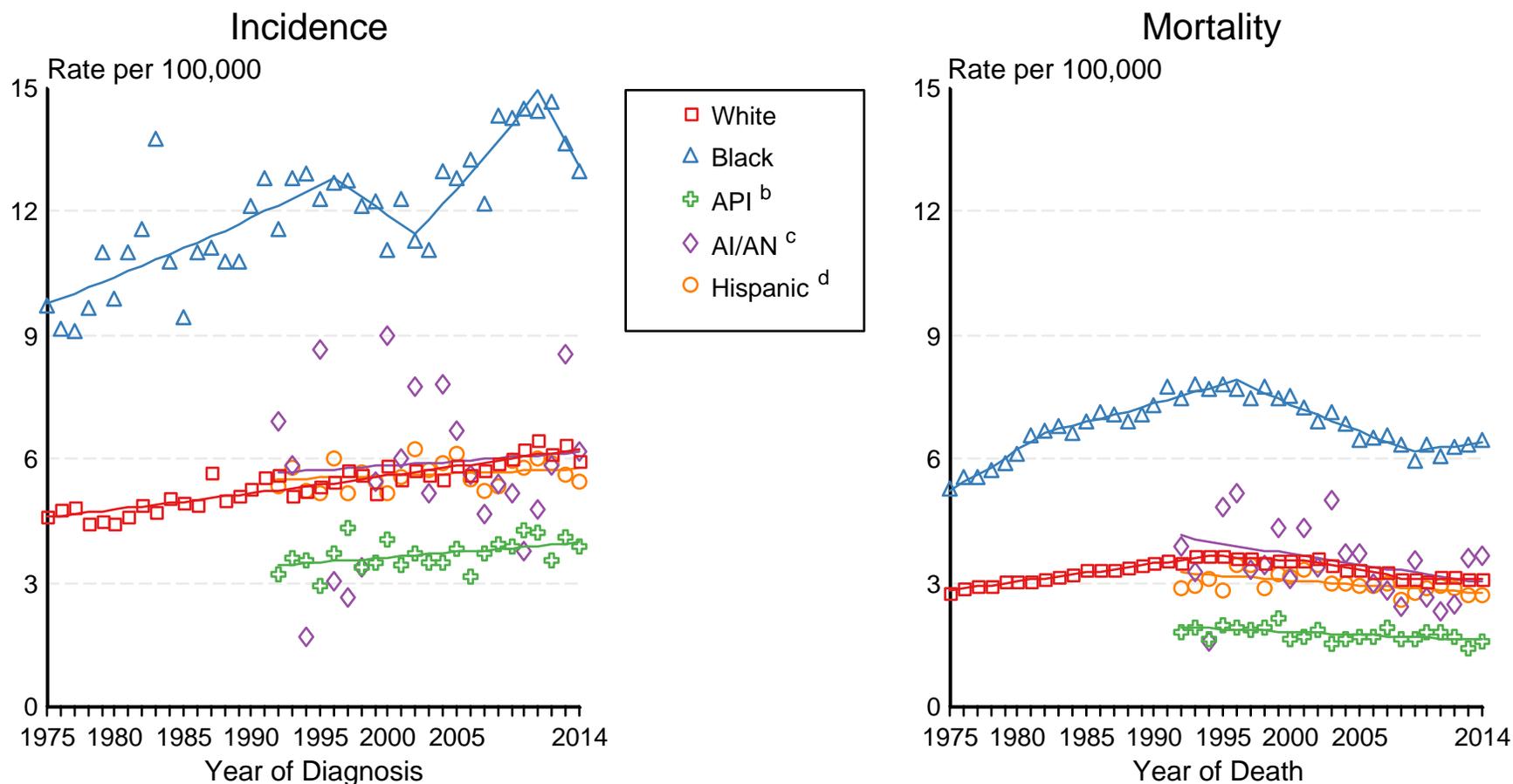
h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 18.2

SEER Incidence and US Death Rates^a Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 19.19
Non-Hodgkin Lymphoma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.5	23.7	16.0	-0.6	-0.5	-0.8*	-0.6*	-0.5	-0.9*
White	20.4	24.8	16.9	-0.6	-0.5	-0.8*	-0.7*	-0.5	-0.9*
White Hispanic ^e	18.4	21.6	15.8	0.4*	0.2	0.8*	-	-	-
White Non-Hispanic ^e	20.8	25.4	17.0	-0.6*	-0.5	-0.9*	-	-	-
Black	14.6	17.6	12.2	-1.0*	-0.3	0.2	0.0	-0.5	-1.0
Asian/Pacific Islander	13.5	16.7	11.1	0.2	0.3*	0.2	-	-	-
Amer Ind/Alaska Nat ^f	12.1	13.2	11.1	1.3	0.2	2.1*	-	-	-
Hispanic ^e	17.8	20.7	15.4	0.4*	0.1	0.8*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	5.9	7.6	4.6	-2.3*	-2.1*	-2.7*			
White	6.1	7.9	4.8	-2.3*	-2.1*	-2.7*			
White Hispanic ^e	5.3	6.6	4.3	-1.2*	-0.7	-2.0*			
White Non-Hispanic ^e	6.2	8.0	4.8	-2.3*	-2.5*	-2.7*			
Black	4.3	5.5	3.5	-2.3*	-2.3*	-2.2*			
Asian/Pacific Islander	4.0	4.9	3.2	-1.9*	-2.0*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	3.0	3.9	2.3	-3.5*	-1.7*	-5.1*			
CHSDA Counties	4.2	5.6	3.2	-0.8	-0.5	-4.5*			
Non-CHSDA Counties	1.7	2.1	1.3	-5.6*	-5.2*	-4.7*			
Hispanic ^e	5.0	6.2	4.1	-1.3*	-0.9*	-2.1*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

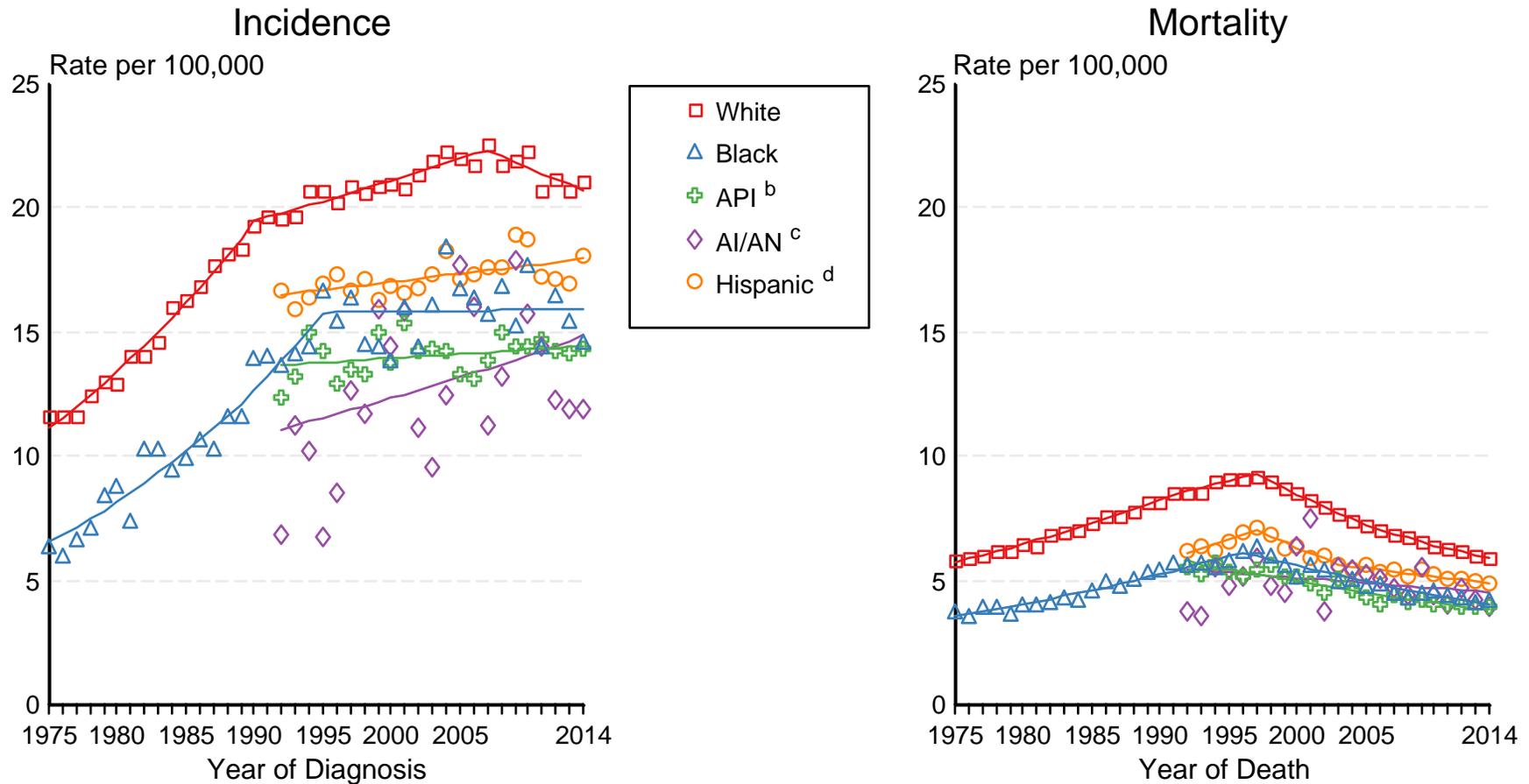
* The APC is significantly different from zero (p<.05).

Figure 19.2

SEER Incidence and US Death Rates^a Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 20.19
Cancer of the Oral Cavity and Pharynx (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	11.2	16.9	6.2	0.5*	0.7*	-0.7*	0.6*	0.9*	-0.7*
White	11.7	17.6	6.4	0.9*	1.1*	0.3	1.0*	0.9*	0.3
White Hispanic ^e	6.9	10.2	4.1	0.9	-0.5	-0.2	-	-	-
White Non-Hispanic ^e	12.7	19.2	6.9	1.1*	1.3*	-0.4*	-	-	-
Black	9.1	14.2	5.1	-2.4*	-1.5	-1.8*	-2.4*	-2.9*	-1.6*
Asian/Pacific Islander	7.7	11.1	5.0	-0.8*	-0.8*	-0.8*	-	-	-
Amer Ind/Alaska Nat ^f	8.9	13.0	5.5	-1.3	-2.3*	0.2	-	-	-
Hispanic ^e	6.6	9.8	4.0	0.7	-0.5	-0.3	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	2.5	3.8	1.3	-0.2	0.0	-1.2*			
White	2.4	3.8	1.3	0.3	0.7	-1.1*			
White Hispanic ^e	1.6	2.5	0.8	-0.2	-0.5	-0.8*			
White Non-Hispanic ^e	2.5	3.9	1.4	0.4	0.8*	-1.0*			
Black	2.9	5.0	1.3	-2.1*	-2.2*	-3.2*			
Asian/Pacific Islander	1.9	2.9	1.1	-2.0*	-2.0*	-1.9*			
Amer Ind/Alaska Nat									
Total U.S.	1.5	2.4	0.8	-2.4*	-2.4*	-2.6*			
CHSDA Counties	2.2	3.7	1.1	-1.8*	-1.7*	-2.0			
Non-CHSDA Counties	0.8	1.1	0.5	-3.2*	-	-			
Hispanic ^e	1.5	2.4	0.8	-0.5	-0.9*	-0.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

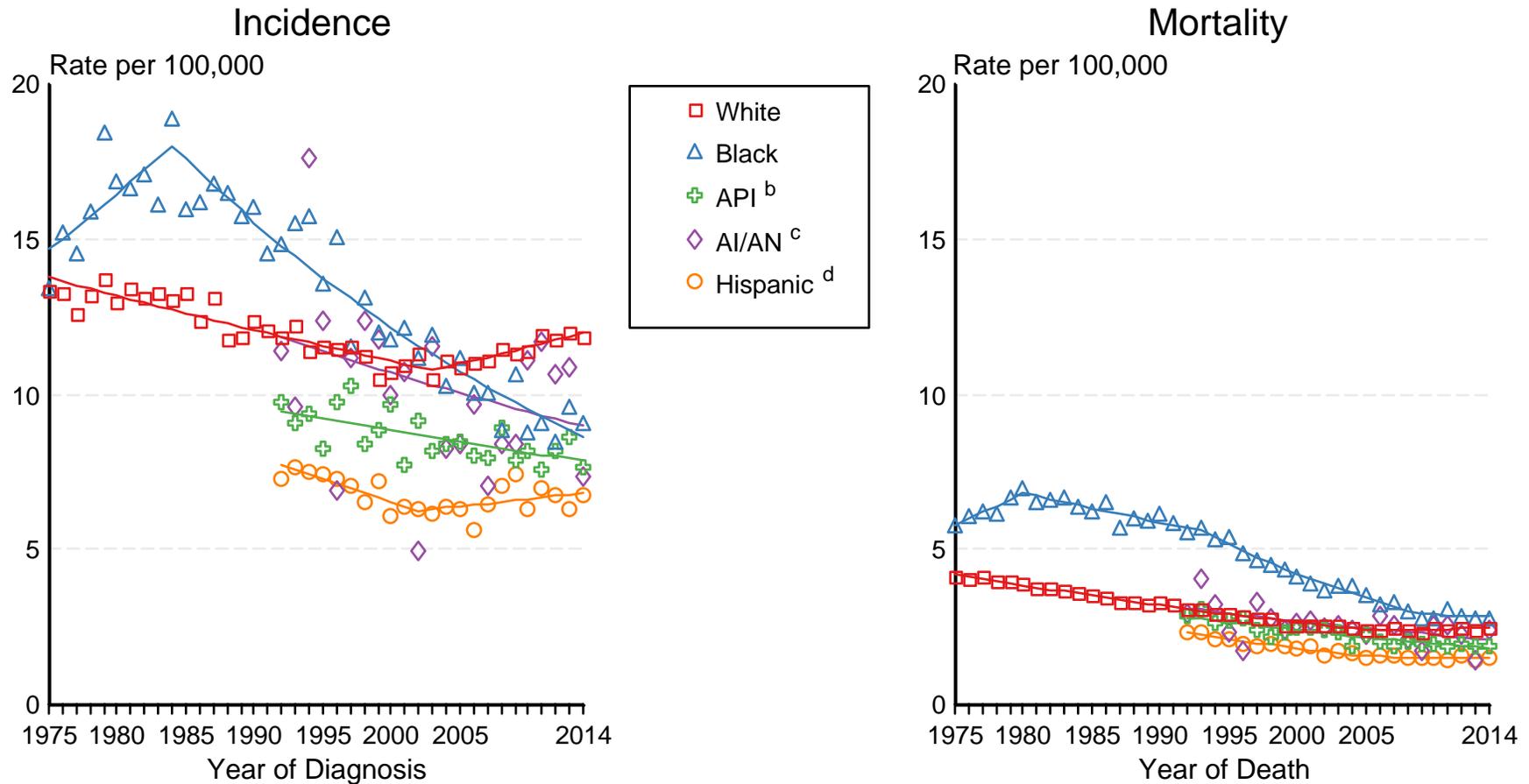
* The APC is significantly different from zero (p<.05).

Figure 20.2

SEER Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

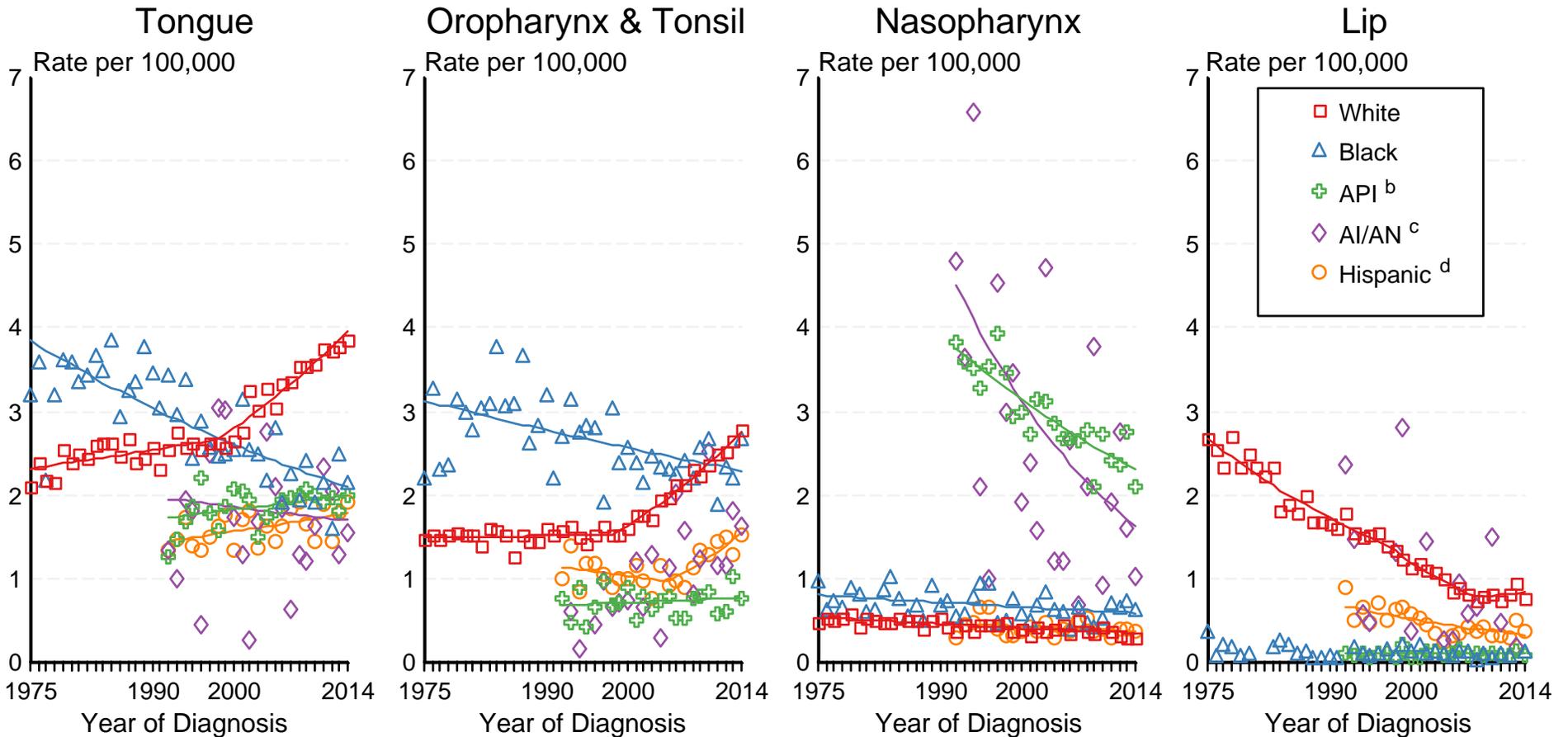
Figure 20.3

SEER Incidence Rates^a

Cancer of the Oral Cavity and Pharyngeal for Selected Subsites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints. Regression lines could not be calculated for data series that had at least one diagnosis year with a 0 case count.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Table 21.11
Cancer of the Ovary (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	11.7	-1.8*	-1.9*
White	12.2	-1.7*	-1.9*
White Hispanic ^e	11.1	-0.5	-
White Non-Hispanic ^e	12.4	-1.9*	-
Black	9.4	-0.5*	-0.5*
Asian/Pacific Islander	9.5	-0.5*	-
Amer Ind/Alaska Nat ^f	9.5	-0.5	-
Hispanic ^e	10.6	-0.5*	-
<u>U.S. Mortality^g</u>			
	Rate 2010-2014	Trend 2005-2014 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	7.4	-2.2*	
White	7.7	-2.2*	
White Hispanic ^e	5.8	-0.6*	
White Non-Hispanic ^e	7.9	-2.4*	
Black	6.4	-1.1*	
Asian/Pacific Islander	4.4	-0.5*	
Amer Ind/Alaska Nat			
Total U.S.	4.5	-0.7	
CHSDA Counties	6.2	-0.2	
Non-CHSDA Counties	2.6	-1.1	
Hispanic ^e	5.4	-0.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

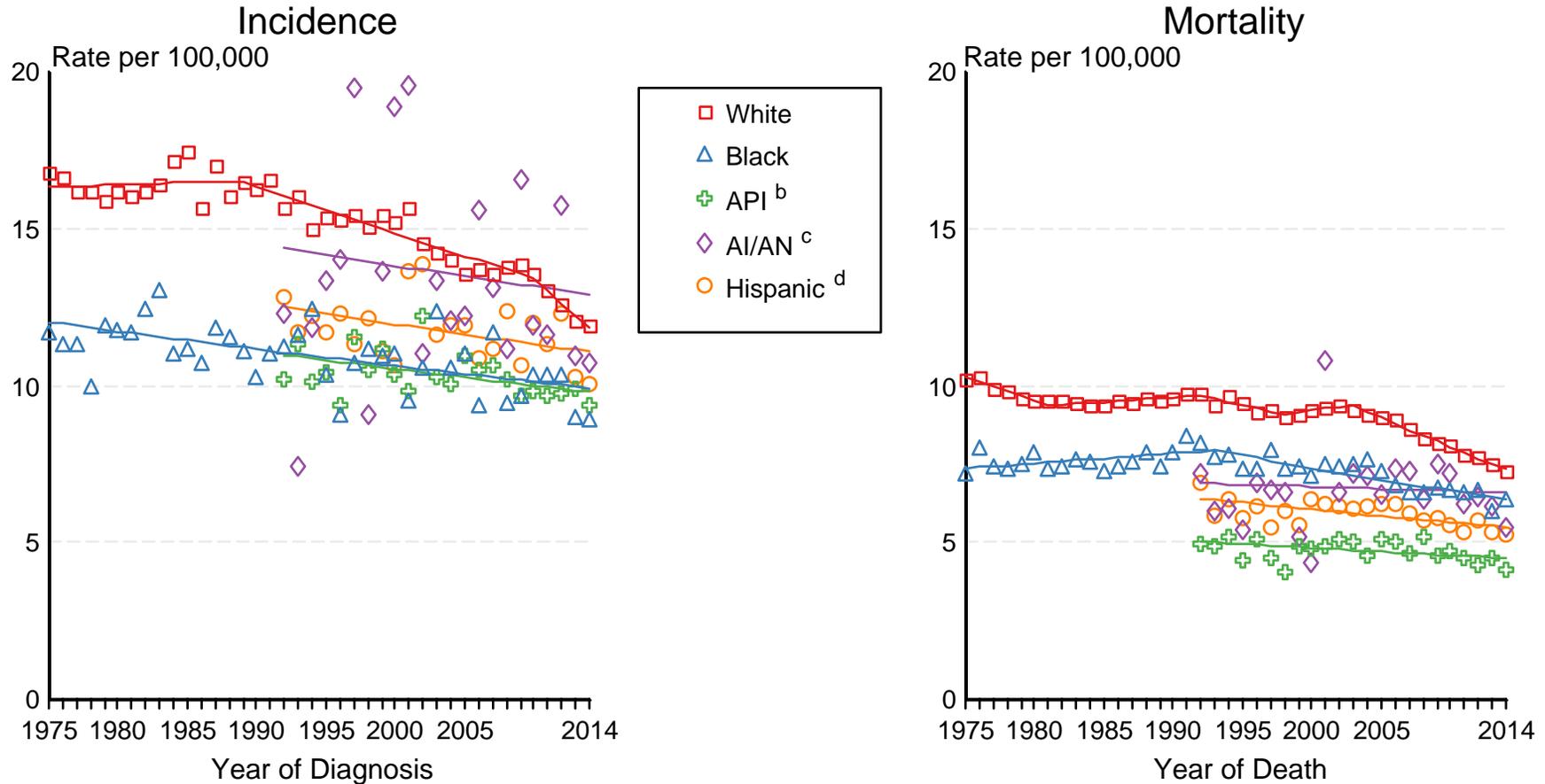
h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 21.3

SEER Incidence and US Death Rates^a Cancer of the Ovary

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 22.15
Cancer of the Pancreas (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.5	14.2	11.1	0.4*	0.5*	0.7*	0.5*	0.5	0.9*
White	12.5	14.2	11.0	0.6*	0.8*	0.8*	0.6	0.9*	1.0*
White Hispanic ^e	11.5	12.3	10.8	0.6*	0.7*	0.5	-	-	-
White Non-Hispanic ^e	12.7	14.6	11.0	0.7*	0.8*	0.8*	-	-	-
Black	15.5	17.0	14.3	-0.9	-0.2	-0.3	-0.1	-0.4*	0.1
Asian/Pacific Islander	10.0	11.0	9.2	0.6*	0.1	1.1*	-	-	-
Amer Ind/Alaska Nat ^f	9.6	11.1	8.3	-1.1	1.6	-0.4	-	-	-
Hispanic ^e	11.1	11.8	10.5	0.6*	0.7*	0.4	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	10.9	12.6	9.5	0.1	0.2*	0.1			
White	10.8	12.6	9.4	0.4*	0.4*	0.2			
White Hispanic ^e	9.0	10.0	8.1	0.4*	0.3	0.4*			
White Non-Hispanic ^e	11.0	12.8	9.5	0.5*	0.3*	0.4*			
Black	13.4	15.0	12.1	-0.4*	-0.6*	-0.4*			
Asian/Pacific Islander	7.7	8.2	7.3	-0.3	-0.4	0.5*			
Amer Ind/Alaska Nat									
Total U.S.	6.5	7.1	6.0	0.1	0.8	-0.3			
CHSDA Counties	9.0	9.8	8.1	1.4*	1.9*	0.9			
Non-CHSDA Counties	3.9	4.2	3.5	-1.9*	-1.2	-2.4*			
Hispanic ^e	8.5	9.5	7.7	0.2*	0.1	0.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

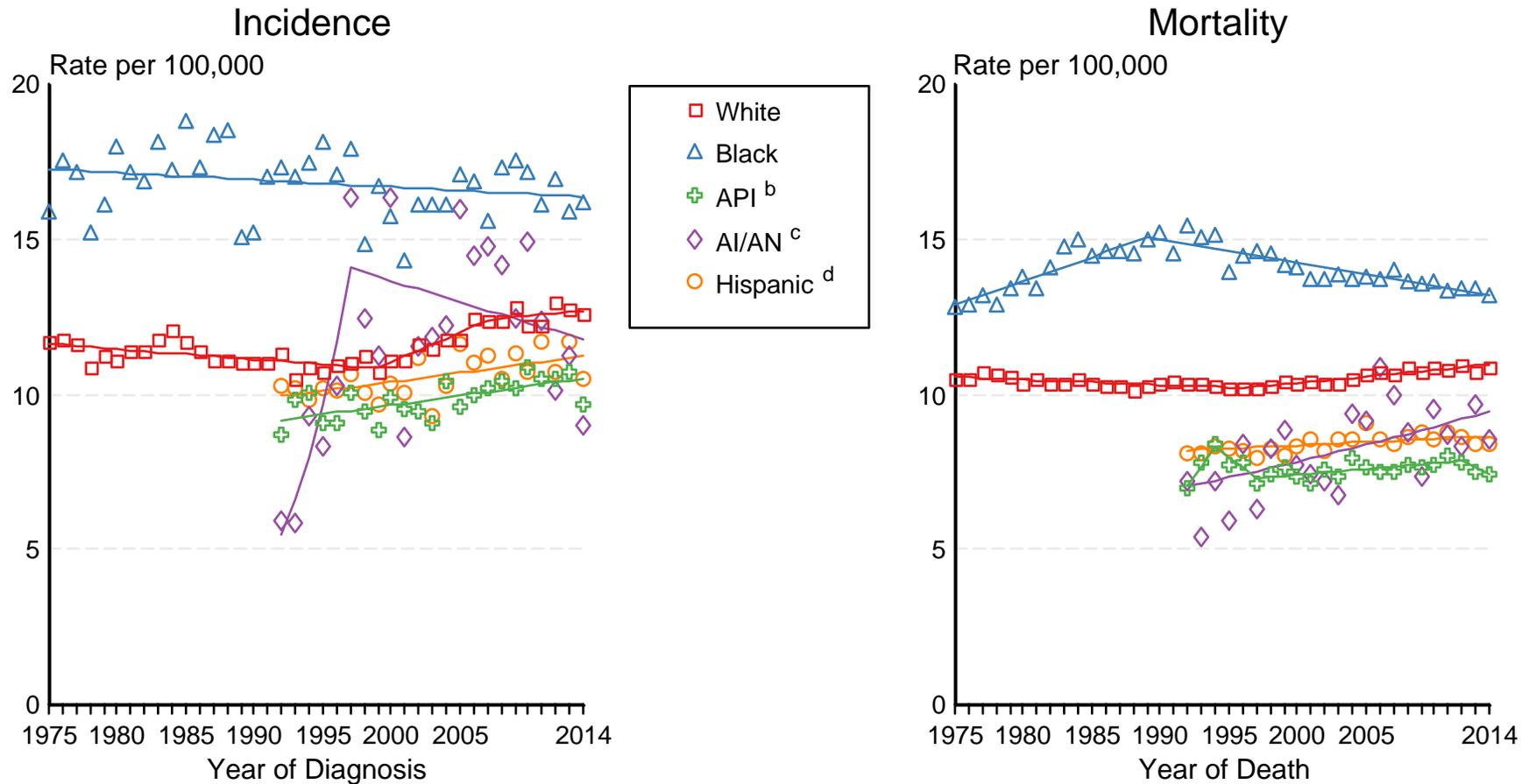
* The APC is significantly different from zero (p<.05).

Figure 22.2

SEER Incidence and US Death Rates^a Cancer of the Pancreas, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 23.11
Cancer of the Prostate (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	119.8	-5.9*	-5.8*
White	112.8	-6.2*	-6.1*
White Hispanic ^e	95.6	-6.8*	-
White Non-Hispanic ^e	116.0	-6.1*	-
Black	188.7	-5.6*	-5.5*
Asian/Pacific Islander	62.9	-7.2*	-
Amer Ind/Alaska Nat ^f	59.9	-6.2*	-
Hispanic ^e	98.3	-6.3*	-
<u>U.S. Mortality^g</u>			
	Rate 2010-2014	Trend 2005-2014 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	20.1	-3.5*	
White	18.7	-3.3*	
White Hispanic ^e	17.2	-3.3*	
White Non-Hispanic ^e	18.7	-3.0*	
Black	42.0	-4.3*	
Asian/Pacific Islander	8.8	-3.4*	
Amer Ind/Alaska Nat			
Total U.S.	14.9	-2.6*	
CHSDA Counties	19.4	-1.7*	
Non-CHSDA Counties	10.0	-3.8*	
Hispanic ^e	16.5	-2.8*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

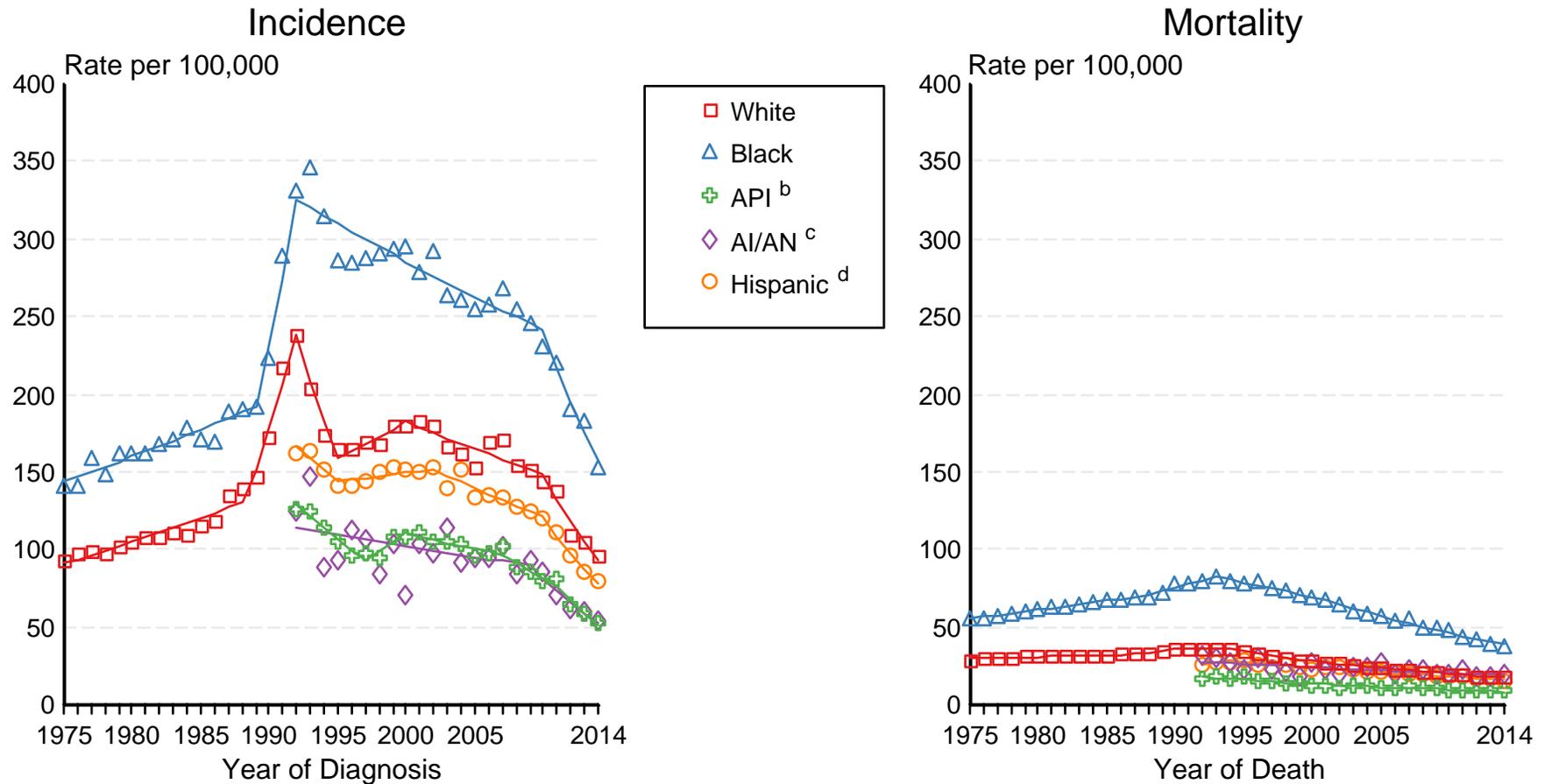
^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 23.3

SEER Incidence and US Death Rates^a Cancer of the Prostate

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 24.15
Cancer of the Stomach (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	7.3	9.9	5.2	-1.2*	-1.7*	-0.8*	-1.5*	-1.8*	-1.6
White	6.5	9.0	4.5	-1.1*	-1.6*	-0.7*	-1.3*	-1.8*	-1.1*
White Hispanic ^e	10.9	13.5	8.8	-1.5*	-2.0*	-1.0*	-	-	-
White Non-Hispanic ^e	5.7	8.2	3.7	-1.5*	-1.8*	-1.4*	-	-	-
Black	10.2	13.6	7.8	-1.8*	-2.2*	-1.3*	-1.7*	-2.1*	-0.9*
Asian/Pacific Islander	10.6	14.0	8.0	-3.0*	-3.0*	-2.9*	-	-	-
Amer Ind/Alaska Nat ^f	10.6	13.7	8.1	-0.3	-0.6	0.3	-	-	-
Hispanic ^e	10.5	13.0	8.5	-1.5*	-2.0*	-1.0*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	3.2	4.4	2.3	-2.4*	-2.7*	-2.6*			
White	2.8	3.8	2.0	-2.3*	-2.6*	-2.7*			
White Hispanic ^e	5.6	7.3	4.3	-2.1*	-2.4*	-1.9*			
White Non-Hispanic ^e	2.5	3.4	1.7	-2.9*	-3.1*	-3.2*			
Black	5.9	8.6	4.1	-3.3*	-3.2*	-3.1*			
Asian/Pacific Islander	5.5	7.1	4.3	-3.8*	-3.8*	-3.7*			
Amer Ind/Alaska Nat									
Total U.S.	3.5	4.9	2.5	-2.8*	-2.7*	-3.2*			
CHSDA Counties	5.4	7.5	3.8	-1.9*	-1.8*	-3.6*			
Non-CHSDA Counties	1.5	2.1	1.1	-4.1*	-3.3*	-5.3*			
Hispanic ^e	5.3	6.9	4.1	-2.2*	-2.5*	-2.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

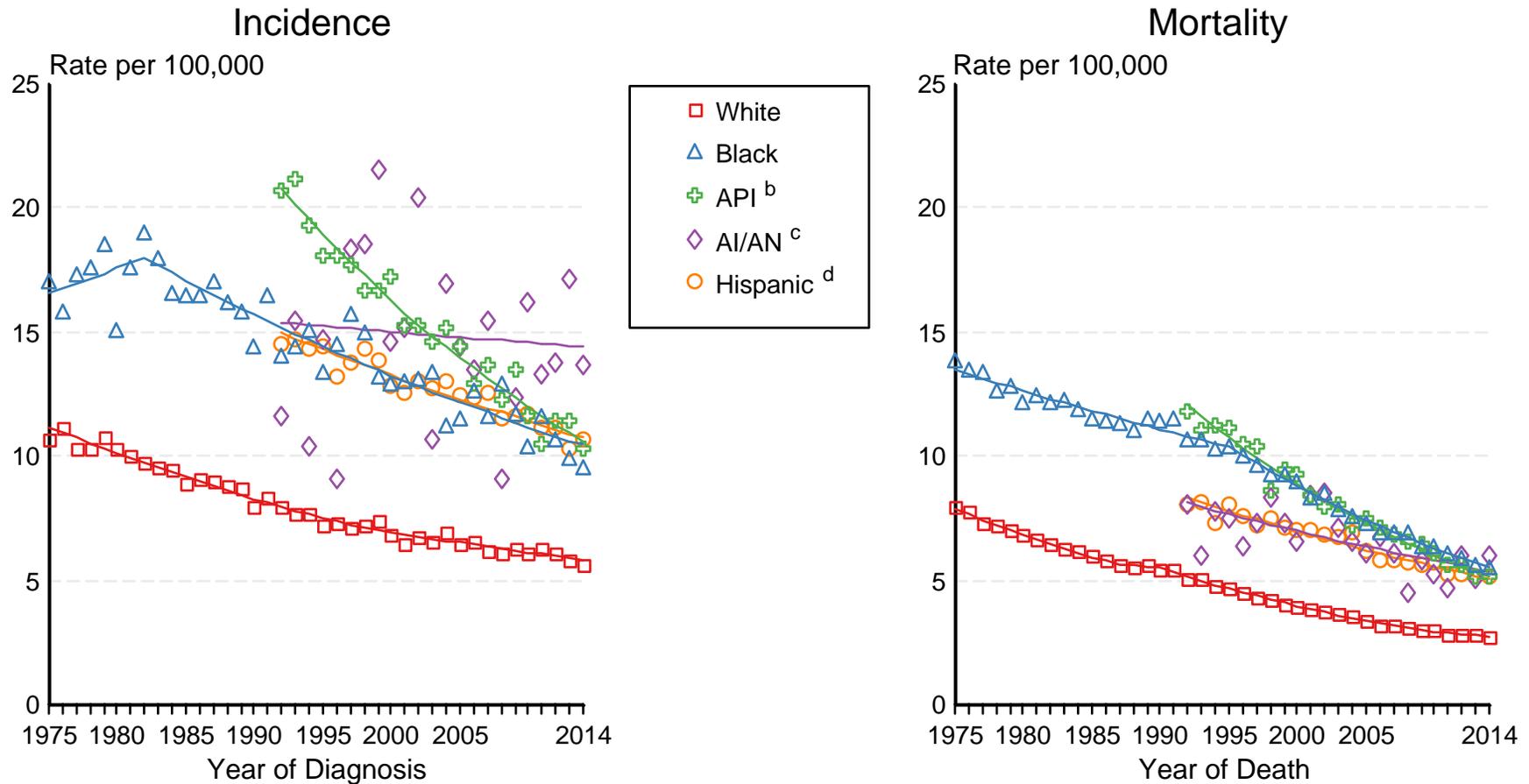
* The APC is significantly different from zero (p<.05).

Figure 24.2

SEER Incidence and US Death Rates^a Cancer of the Stomach, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 25.11
Cancer of the Testis (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2010-2014	Trend 2005-2014 ^c	Trend 2005-2014 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	5.7	1.1*	0.8*
White	6.8	1.2*	1.0*
White Hispanic ^e	5.4	3.0*	-
White Non-Hispanic ^e	7.3	0.0	-
Black	1.5	3.4	2.0*
Asian/Pacific Islander	2.2	1.5*	-
Amer Ind/Alaska Nat ^f	5.4	2.9*	-
Hispanic ^e	5.1	2.8*	-
<u>U.S. Mortality^g</u>			
	Rate 2010-2014	Trend 2005-2014 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	0.3	-0.4*	
White	0.3	-0.2	
White Hispanic ^e	0.3	1.0	
White Non-Hispanic ^e	0.3	-0.5*	
Black	0.1	-0.8	
Asian/Pacific Islander	0.1	-0.1	
Amer Ind/Alaska Nat			
Total U.S.	0.2	-	
CHSDA Counties	0.4	-	
Non-CHSDA Counties	-	-	
Hispanic ^e	0.3	0.8	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

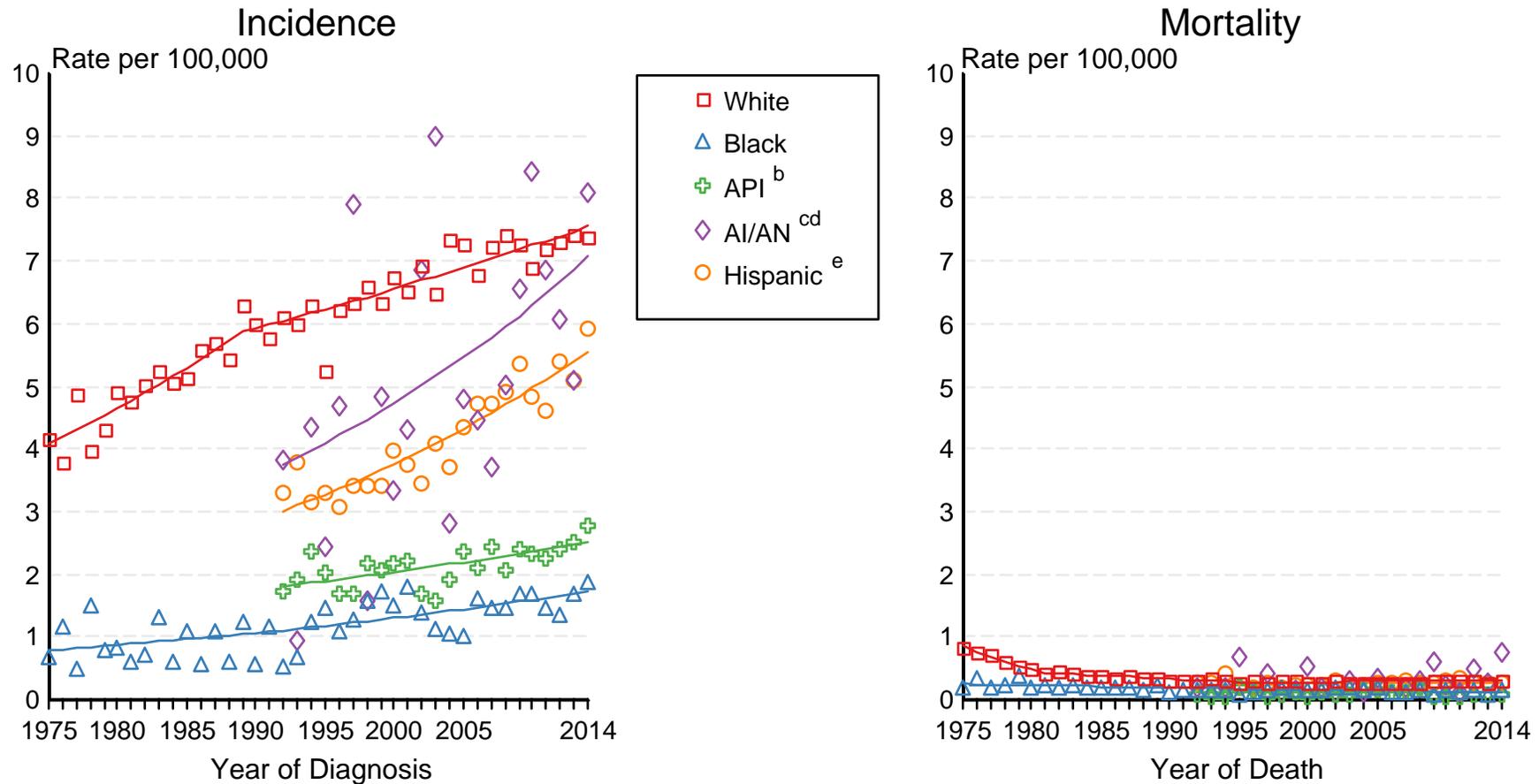
^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 25.3

SEER Incidence and US Death Rates^a Cancer of the Testis

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

^a Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 26.15
Cancer of the Thyroid (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	14.2	7.1	21.0	3.8*	3.9*	3.8*	3.8*	3.8*	3.7*
White	14.9	7.6	22.4	3.7*	3.7*	3.8*	3.8*	3.7*	3.7*
White Hispanic ^e	12.8	5.4	20.1	4.8*	4.1*	4.2*	-	-	-
White Non-Hispanic ^e	15.8	8.3	23.4	3.7*	3.8*	3.7*	-	-	-
Black	8.7	3.7	13.0	4.3*	4.0*	4.4*	5.2*	3.1*	5.8*
Asian/Pacific Islander	13.7	6.6	19.9	3.1*	5.6*	2.6*	-	-	-
Amer Ind/Alaska Nat ^f	9.3	4.2	14.1	3.9*	3.5*	3.9*	-	-	-
Hispanic ^e	12.3	5.2	19.3	4.7*	4.1*	4.8*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	0.5	0.5	0.5	0.7*	1.4*	0.5*			
White	0.5	0.5	0.5	0.7*	1.4*	0.3*			
White Hispanic ^e	0.6	0.5	0.7	0.1	1.1	-0.4			
White Non-Hispanic ^e	0.5	0.5	0.5	0.7*	1.4*	0.2			
Black	0.5	0.4	0.6	1.0*	1.3*	0.9*			
Asian/Pacific Islander	0.6	0.5	0.7	-0.6	0.0	-2.5			
Amer Ind/Alaska Nat									
Total U.S.	0.4	0.4	0.4	1.8	-	-0.3			
CHSDA Counties	0.5	-	0.5	1.3	-	-0.9			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.7	0.0	0.9	-0.5			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

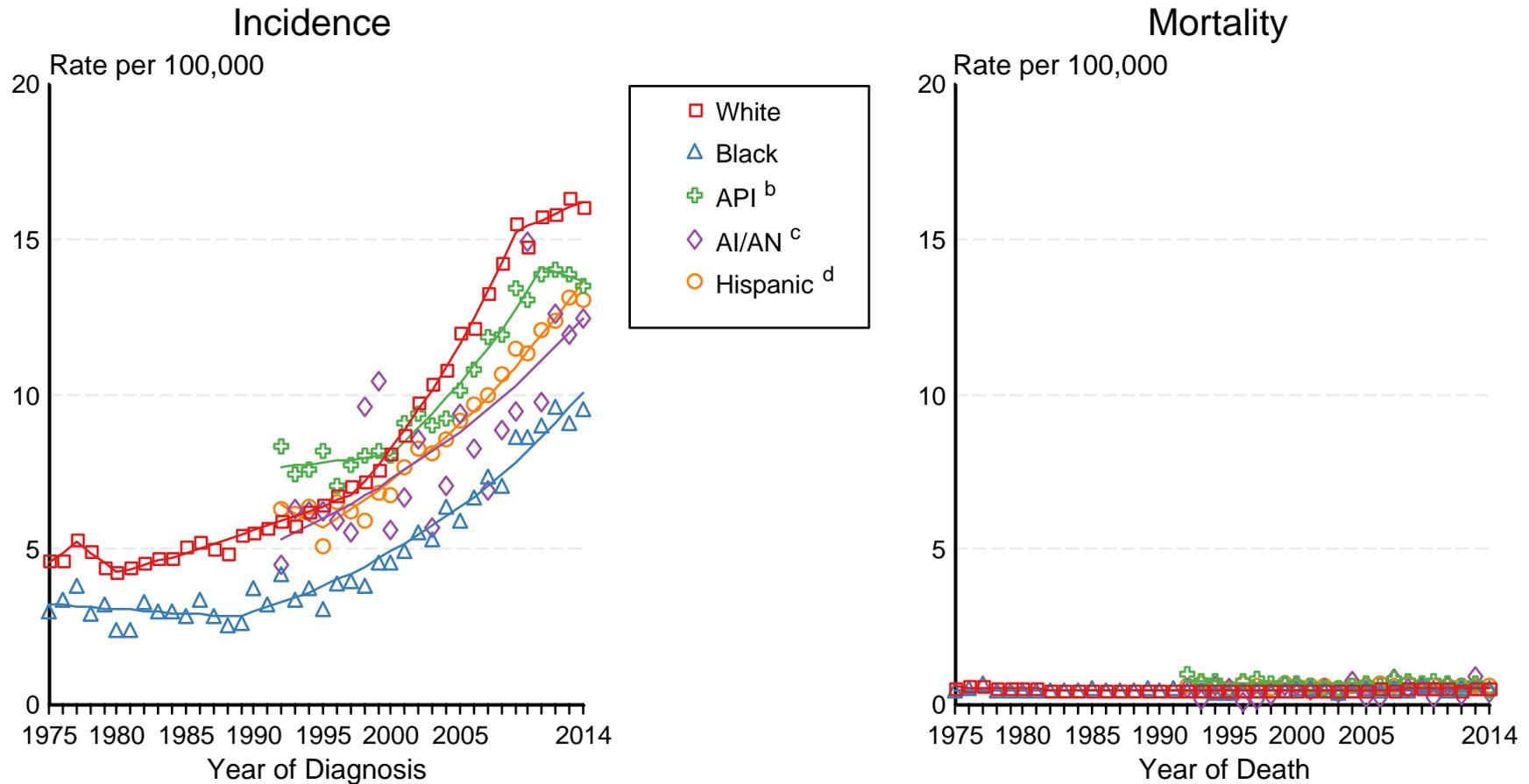
* The APC is significantly different from zero (p<.05).

Figure 26.2

SEER Incidence and US Death Rates^a Cancer of the Thyroid, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Table 27.15
Cancer of the Urinary Bladder

SEER Incidence (Invasive and *In Situ*) and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.8	34.9	8.4	-1.1*	-1.3*	-1.3*	-0.9*	-1.0*	-1.0*
White	21.7	38.1	9.1	-1.0*	-1.2*	-1.2*	-0.8*	-1.1*	-1.0*
White Hispanic ^e	11.3	19.8	5.0	-1.0*	-0.3	-0.7*	-	-	-
White Non-Hispanic ^e	23.4	40.9	9.8	-0.9*	-1.1*	-0.9*	-	-	-
Black	12.5	21.0	6.8	0.2	0.4*	-0.4	0.3*	0.4*	0.1
Asian/Pacific Islander	8.7	15.2	3.9	-1.8*	-2.0*	-0.2	-	-	-
Amer Ind/Alaska Nat ^f	8.5	14.9	3.9	1.0	1.1	3.0	-	-	-
Hispanic ^e	11.0	19.3	4.9	-0.3	-0.3	-0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.4	7.6	2.2	0.0	0.0	-0.5*			
White	4.6	8.1	2.2	0.1*	0.0	-0.3*			
White Hispanic ^e	2.4	4.1	1.3	-0.1	-0.3	-0.2			
White Non-Hispanic ^e	4.8	8.4	2.3	0.3*	0.2*	-0.2*			
Black	3.6	5.4	2.5	-0.9*	-0.7*	-1.2*			
Asian/Pacific Islander	1.7	2.9	0.9	-0.5	0.0	-1.1*			
Amer Ind/Alaska Nat									
Total U.S.	1.9	3.0	1.1	1.1	1.2	0.2			
CHSDA Counties	2.3	3.6	1.4	2.4*	2.8*	-			
Non-CHSDA Counties	1.4	2.4	0.8	-0.8	-0.5	-			
Hispanic ^e	2.3	3.9	1.2	-0.2	-0.4	-0.2			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

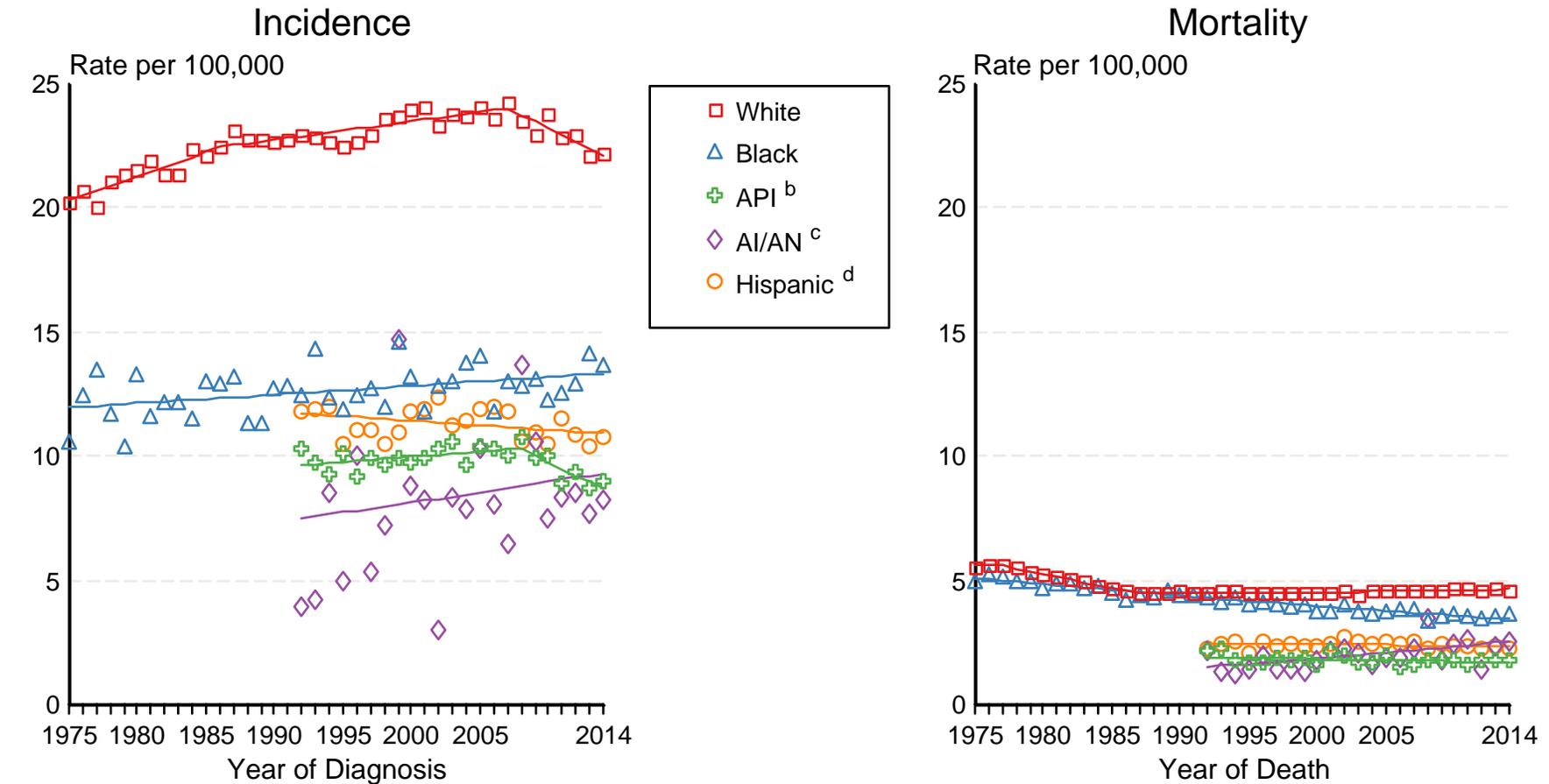
h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

* The APC is significantly different from zero (p<.05).

Figure 27.2

SEER Incidence and US Death Rates^a Cancer of the Urinary Bladder, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

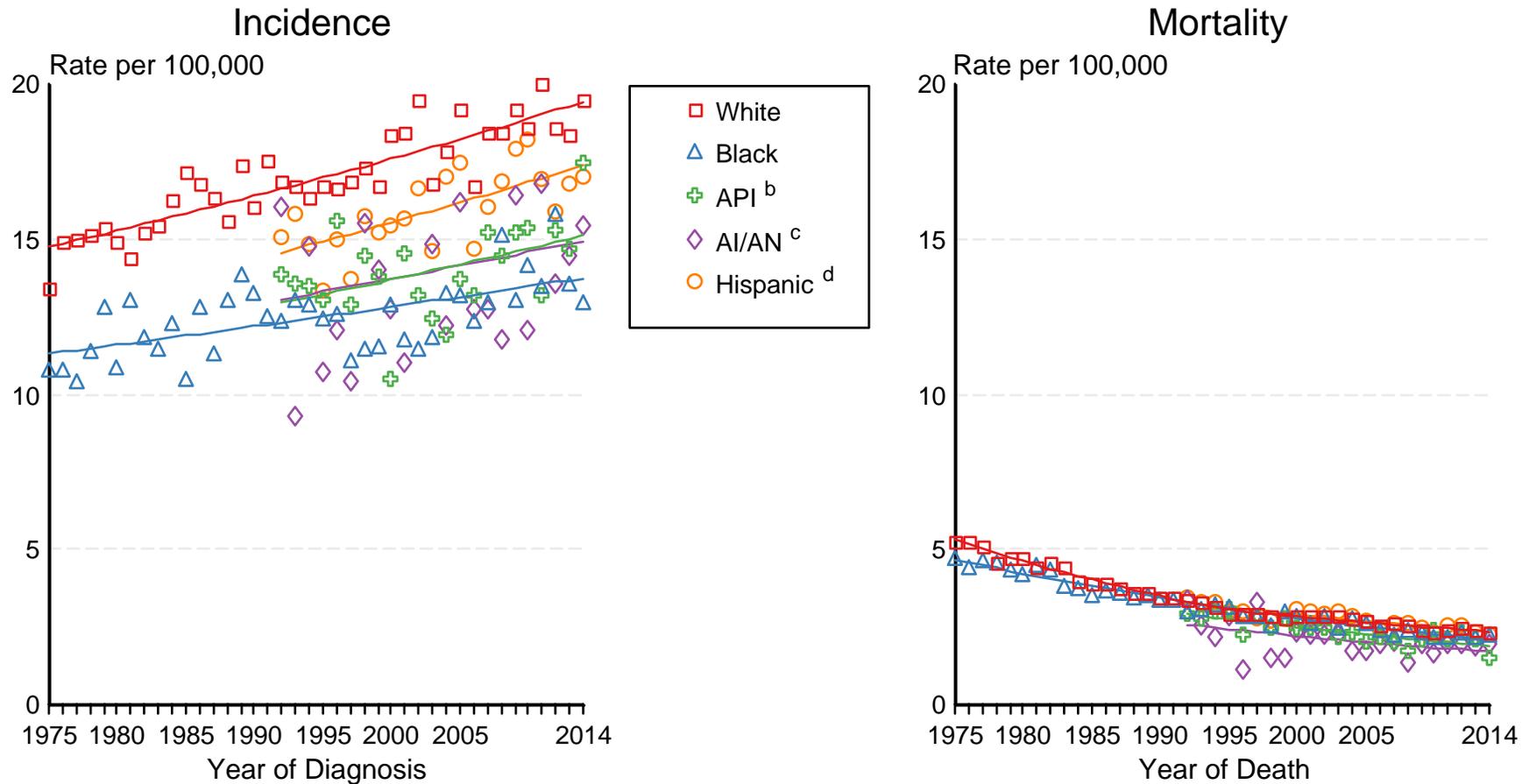
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Figure 28.3

SEER Incidence and US Death Rates^a All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2014

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2014



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2014 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2014 allow a maximum of 4 joinpoints.

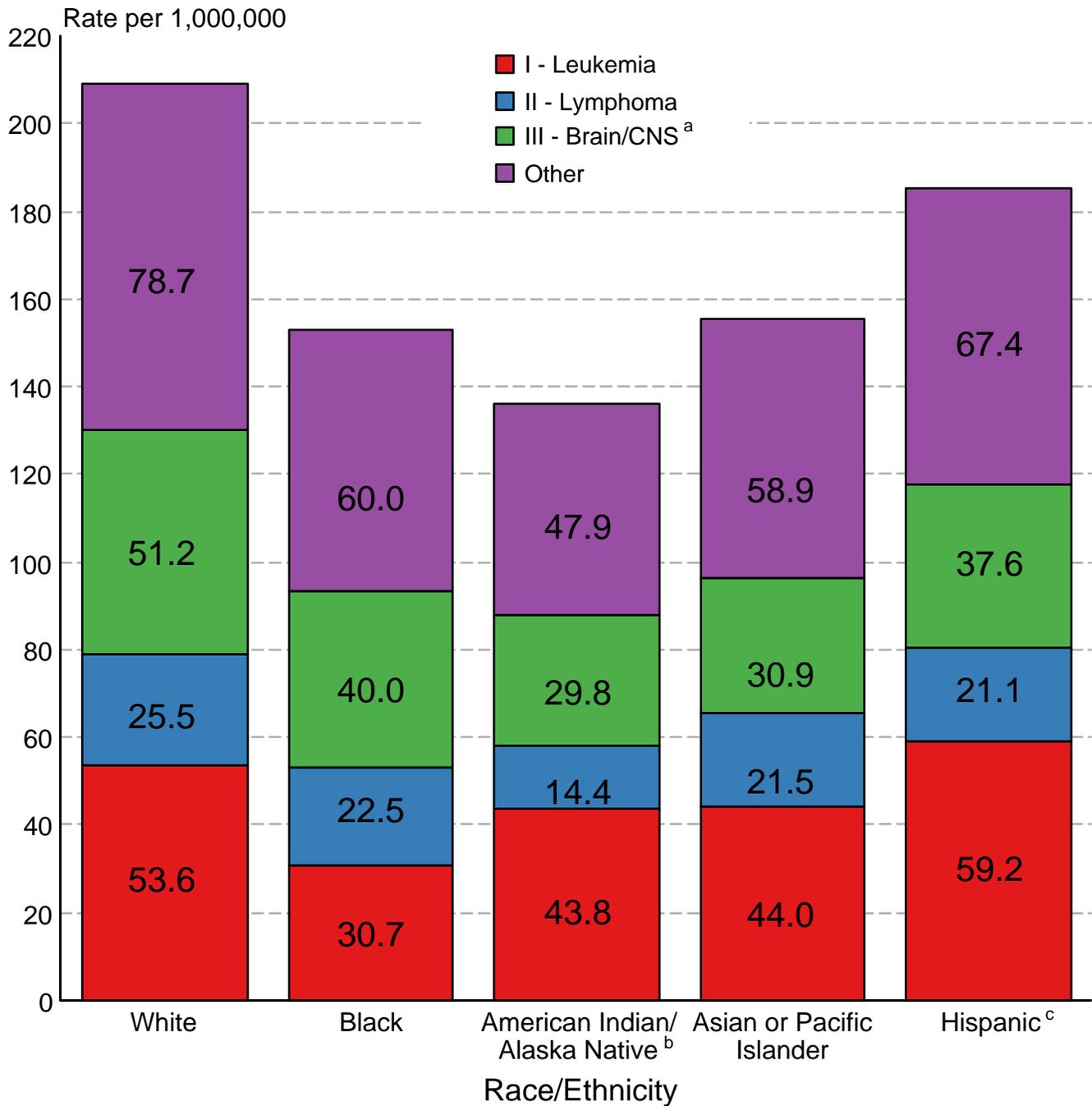
^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from New Hampshire and Oklahoma.

Figure 29.2

Childhood Cancer: SEER Incidence Rates 2010- 2014 by ICCC Group and Race/Ethnicity (includes myelodysplastic syndromes and Group III benign brain) Both Sexes, Under 20 Years of Age



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Incidence rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

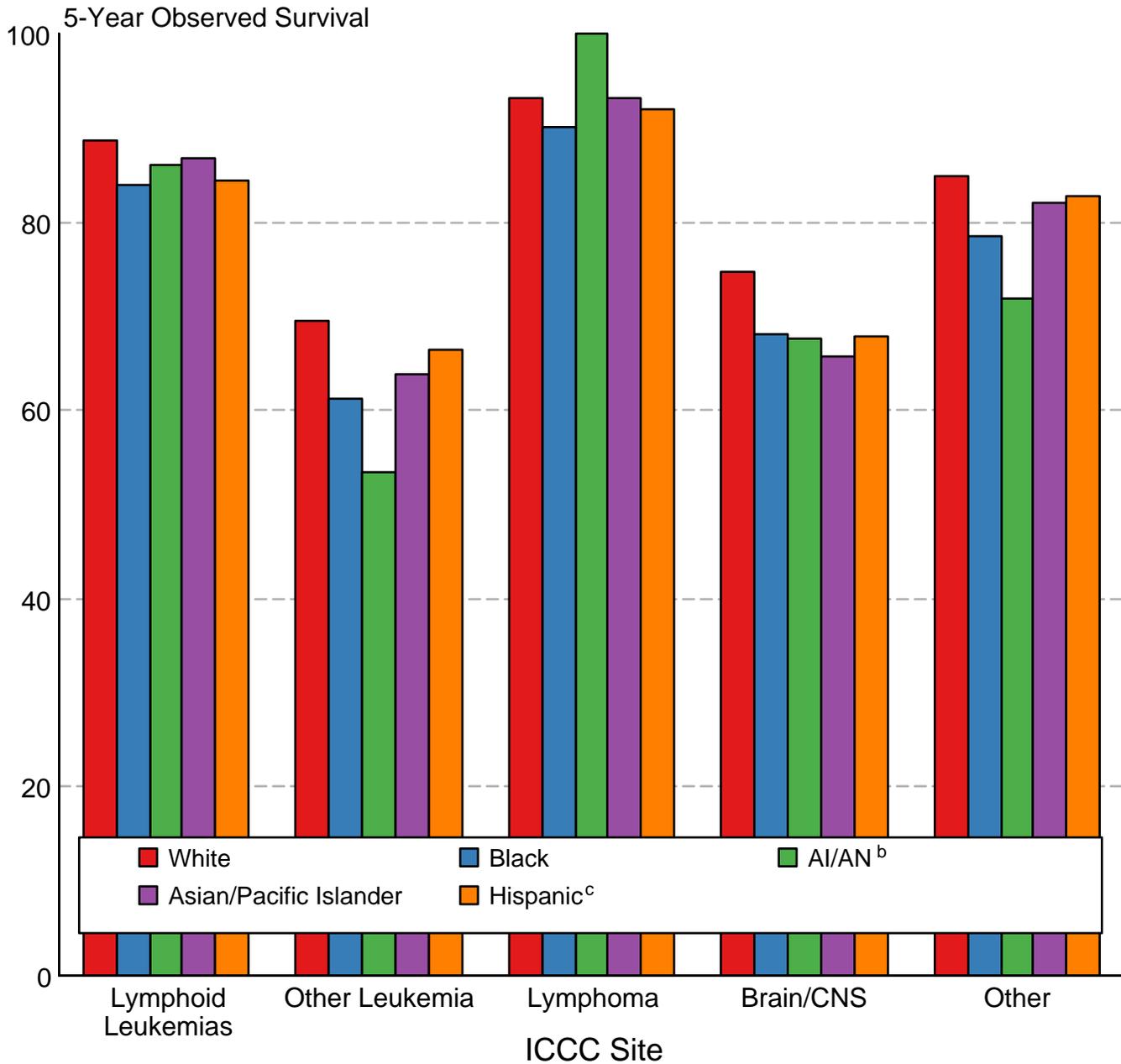
^a Rate for Group III (Brain/CNS) includes benign brain tumors.

^b Incidence rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 29.3

Childhood Cancer 5-Year Observed Survival (%) by ICCC Group^a and Race/Ethnicity Both Sexes, Under 20 Years of Age, 2007-2013



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^a Excludes myelodysplastic syndromes (MDS) and benign brain tumors.

^b American Indian/Alaska Native. Survival data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Survival data for Hispanics are based on NHIA and excludes cases from the Alaska Native Registry.